

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	nAPP2223659355
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.

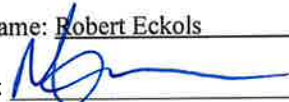
**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☒ 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 OCD 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: Robert Eckols

Title: Vice President Engineering

Signature: 

Date: 6/21/2023

email: reckols@extex.net

Telephone: 713-953-0824

### OCD Only

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

Date: \_\_\_\_\_

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

Closure Approved by: Nelson Velez Date: 09/19/2023

Printed Name: Nelson Velez

Title: Environmental Specialist - Adv

Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations.

**State GC, Well No. 2 – Remediation Report (Updated)**

**2023**

**Extex Operating Company**

5065 Westheimer Road, Suite 625

Houston, Texas 77056

Phone Number: 713-953-0824

Authorized Representative: R. Eckols

Site Contact: Greg Skiles @ 575-602-5862

**State GC, Well No. 2**

Oil & Chloride Spill Remediation Report

Lea County, New Mexico

Latitude: N 32.411699°

Longitude: W 103.408654°

## State GC, Well No. 2 – Remediation Report (Updated)

2023

## Production Well Remediation Report

Client Name: Extex Operating, LLC

Facility: State GC, Well No. 2

Inspector Name: Kevin Robinson

Date: 9/01/2022 – 6/19/2023

**Highlighted items need immediate attention. See Table 3-0 for more detailed information.**

LOCATION AND ACCESS TO FACILITY		
1	GPS coordinate of oil & chloride spill:	N 32.411699°
2	GPS coordinate of oil & chloride spill:	W 103.408654°
3	Facility GPS coordinate connected to production well:	N 32.40064°
4	Facility GPS coordinate connected to production well:	W 103.40457°
5	Driving directions from nearest city to spill:	From the intersection of HWY 176 and HWY 207 in Eunice, New Mexico, travel east on HWY 176 for 16.1 miles. At San Simon Road, exit left and proceed south for 3 miles. At the first left hand turn on caliche road, travel east by southeast along the road 3.66 miles to the production well.
6	Spill physical location from highway 176:	The spill is located 4.92 miles from the center of highway 176 off San Simon Road.
7	County, State:	Lea County, New Mexico
8	Type of facility or site description:	Onshore oil and natural gas production well.
9	What is the main access road to facility?	San Simon Road
10	Where is the closest marked intersection?	Highway 176 and Highway 207
11	What is the composition of lease road?	Earthen Material & Caliche
12	What is the condition of lease road?	Good
13	Is there a gate at the entrance?	No
14	Is the gate open or locked?	N/A
15	If locked, does lock require key or combination; list #	N/A
16	Gate Entrance GPS Latitude:	N 32.482955°
17	Gate Entrance GPS Longitude:	W 103.413579°
18	Is there signage at the gate or entrance?	No
19	What is the condition of the signage?	N/A
20	Facility Elevation:	3232/
21	Is there signage at the facility or spill site?	Yes (Signage at the State GC #2 Production Well)
22	What is the condition of the signage?	Good
23	How was the spill caused?	The spill was caused by a drilling company other than Extex fracking into the production well, causing the well to overpressure and rupture a flow-line connection at the well head.
24	Spill area description:	The spill area is approximately 117 feet by 177 feet.
33	Adjacent land to this facility is used for:	Open Range Land & Oil Production
34	The terrain for this facility is:	Moderate
35	In the event of a spillage, the direction of flow would be:	North
36	Are there ANY water sources visible from the facility?	No

## State GC, Well No. 2 – Remediation Report (Updated)

2023

37	LOCATION AND FACILITY NOTES:	None
INITIAL SPILL SUMMARY, SOIL ANALYSIS, & TABLES		
<p><b><u>INITIAL SPILL SUMMARY:</u></b></p> <p>On 6/17/2022, Extex Operating reported a produced water and oil spill at the State GC #2 production well (Incident # nAPP2216931454). Extex representatives arrived at the spill site and determined 1,500 BBLS of production fluid had spilled as the result of the fracking by a local drill operation had caused their well flow line to overpressure, causing a rupture in the flow line connection.</p> <p>Extex Operating immediately began cleanup operations and successfully reclaimed approximately 1,300 BBLS of the production fluid, using vac trucks and heavy equipment.</p> <p>COMM Engineering was contracted to begin initial soil testing in preparation of completing further remediation and site reclamation. (5) Five soil samples were taken at various locations, and soil analysis dictated that a water table determination was required to establish which NMAC soil thresholds would be utilized to remediate the spill site.</p> <p>During our efforts of water table determination, another minor spill of 10 BBL of produced water occurred on 8/23/2022 (Incident #nAPP2223659355). The spill was in the same area as the existing impacted area and incorporated into the original remediation project.</p>		



## State GC, Well No. 2 – Remediation Report (Updated)

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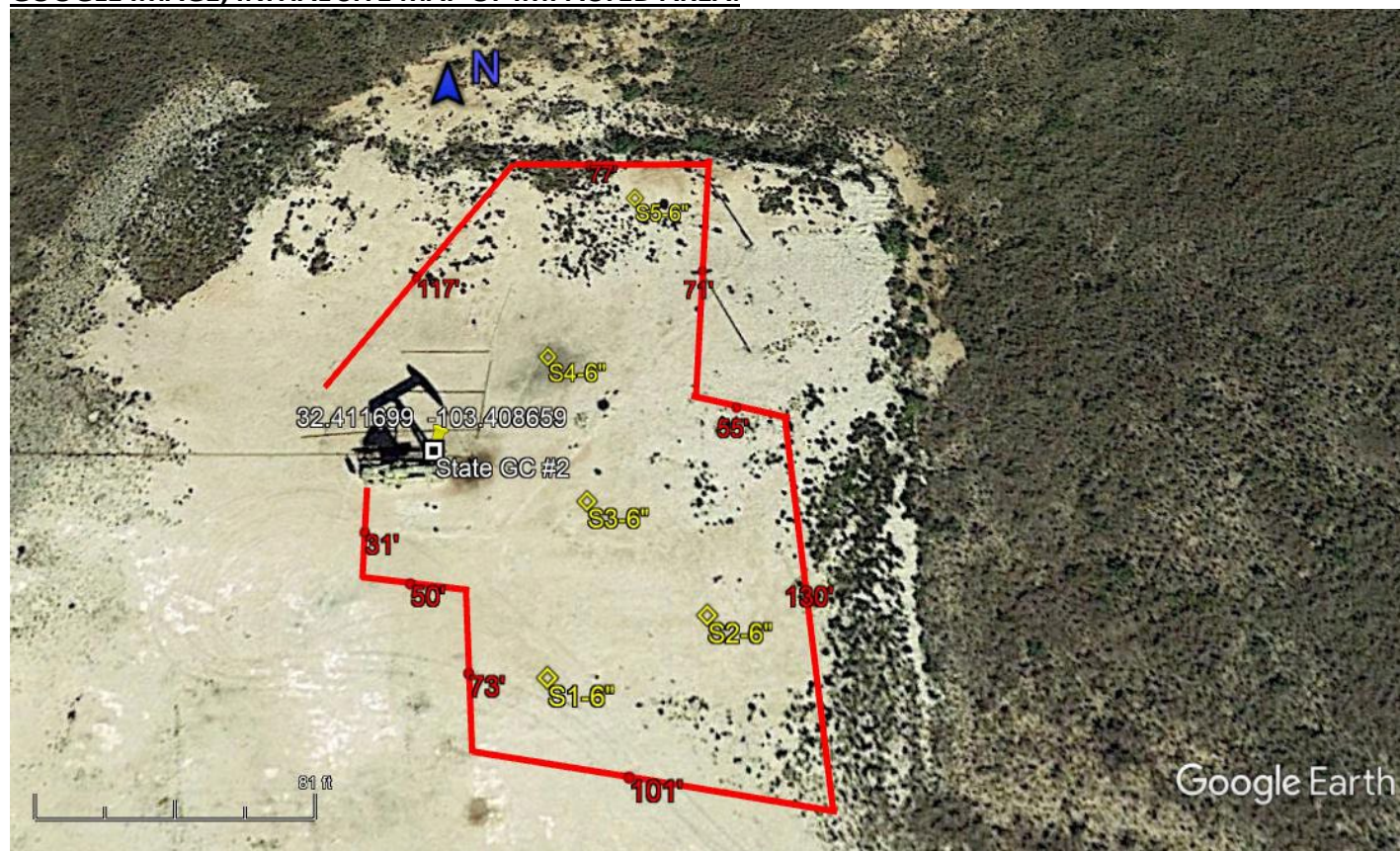
**GOOGLE IMAGE; INITIAL SITE MAP OF IMPACTED AREA:****GPS COORDINATES OF STATE WELL GC #2 & SAMPLE POINTS:**

Table 1  
Confirmation of Certified Analytical Results

Well or Sample ID	GPS North	GPS West	TPH (mg/kg)	Chloride (mg/kg)
Well GC #2	32.411699	103.408654	N/A	N/A
GC-S1-6"	32.411619	103.408681	3,242.86	3,565.70
GC-S2-6"	32.411774	103.408588	9,089.29	9,800.98
GC-S3-6"	32.412005	103.408444	1,667.86	4,227.98
GC-S4-6"	32.411633	103.408285	2,000.00	6,127.34
GC-S5-6"	32.412054	103.408570	15,895.75	9,100.91

## State GC, Well No. 2 – Remediation Report (Updated)

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**INITIAL WATER DEPTH DETERMINATION:**

Extex, in conjunction with COMM Engineering, contracted with Atkins Engineering Associates, Inc. to complete an onsite 6.5-inch bore from 0-feet to 55-feet to determine if the water table at the spill site was under 55-feet in depth.

Well record, CP-1918-Pod-1 indicated that no water was found from 0-feet to 55-feet in depth; well report will be attached. COMM Engineering working as the remediating agent for Extex, will be using the standards of Closure Criteria for Soil Impacted by Release, where the water table is 51-100 feet, as defined in Table 1; 19.15.29 NMAC.

Table 1  
Closure Criteria for soils Impacted by a Release

Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
51 to 100 feet	Chloride***	EPA 300.0 or SM4500 C1 B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	BETX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg



## State GC, Well No. 2 – Remediation Report (Updated)

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## INITIAL SPILL SITE PHOTOS

Photo #1 – Spill Area South of Well



Photo #2 – Spill Area North of Well





## State GC, Well No. 2 – Remediation Report (Updated)

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## REMEDIATION REPORT, SITE MAP, SOIL SAMPLE ANALYSIS, &amp; PHOTOS

**Day #1**

State GC, well #2: Found heavy surface chloride staining south and southeast of the well. Also, heavy oil staining immediately around the well and moderate chloride spillage north and east of the production well.

Using the initial soil sample analysis and onsite soil sample data gathered today, we began to excavate and remove the top 3-inches of soil immediately south and southeast of the production well. Approximately 20 yards of contaminated soil was removed from this area and stockpiled using an approved poly liner system to contain possible contamination.

After further soil testing in the excavated area, it was determined that an additional 3-inches of soil was required to be excavated and removed. We excavated the area to 6-inches and removed approximately 60 yards of contaminated soil.

**Photo #3 - South Area Excavation**

**State GC, Well No. 2 – Remediation Report (Updated)****2023****Day #2**

Excavated and removed the oily soil from around the production well to a depth of 6-inches, and began to excavate the area to the north at a depth of 3-inches. Testing indicated we were below (NMAC) requirements around the well, but soil samples taken directly north of the well proved that further excavation was necessary to the north. At the completion of the day, we had excavated to a depth of 6 to 8-inches and had removed approximately 90 yards of contaminated soil.

**Photo #4 – North Area Excavation****Day #3**

Excavated and cleared the top 0-inches to 3-inches of contaminated soil in the east quadrant of the spill area, which measured 60-feet by 60-feet; or 3,600 sq/ft. We also performed the same task of removing the top 0-inches to 3-inches of contaminated soil in the northeast quadrant of the spill area, which measured 60-feet to 100-feet, or 6,000 square feet.

After removing approximately 90 yards of soil, we began turning or cultivating the next 3-inches to 6-inches of soil to start further testing within both excavated areas.

Testing in (10) areas within the east and northeast quadrants indicated that we were below the NMAC thresholds for chloride and TPH.



**Photo #5 – North Area Excavation****Day #4**

Moved equipment to the caliche pit to excavate, sift, and load 240 yards of caliche by trucks to be used as backfill for the State GC spill site. Moved equipment back to the State GC, well #2, began loading the contaminated soil excavated from the spill site and transported the contaminated soil to the Lazy Ace Land farm, located on HWY 176, 13 miles from the spill site. (Land farm manifest to be attached.)

**Photo #6 - Contaminated Soil & Excavation**



## State GC, Well No. 2 – Remediation Report (Updated)

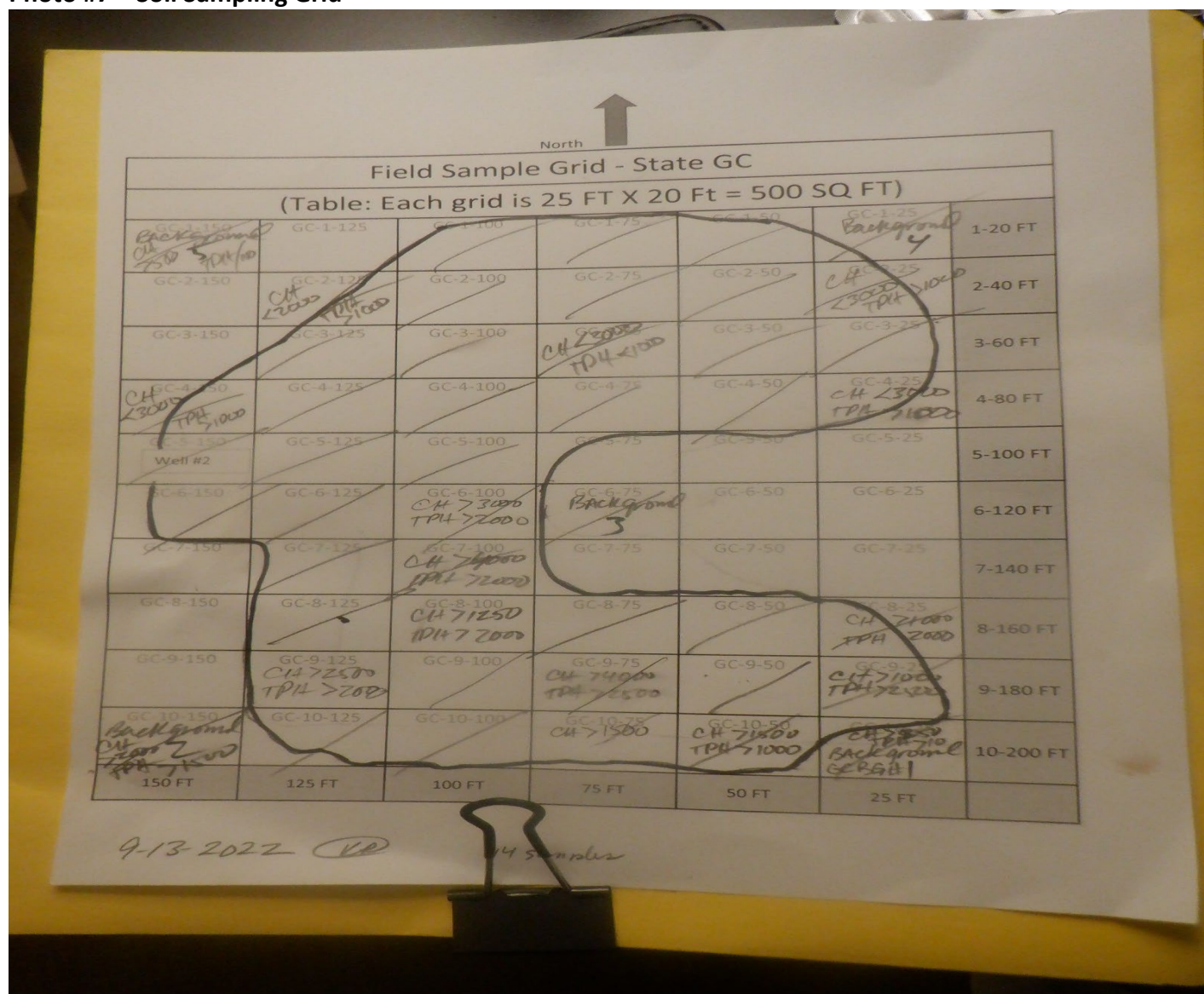
2023

## Day #5

Releveled the entire excavated area and began implementing the sample grid approved by the (OCD). The grid was developed to obtain (1) soil sample every 500 square feet. It was determined that (44) samples would be required using the above measurement, plus procuring (5) background soil samples from areas around and within the spill area that were not contaminated.

(44) soil samples were extracted and transported to Cardinal Labs in Hobbs, New Mexico, for analysis. (20) onsite soil samples were also taken simultaneously so the backfill process could begin as soon as the samples were taken to the lab.

**Photo #7 – Soil Sampling Grid**





**State GC, Well No. 2 – Remediation Report (Updated)****2023****Day #6**

With verified soil analysis, the excavated area was backfilled using 240 yards of fresh caliche obtained from: Republic Backhoe & Trucking Service. The area was backfilled, leveled, and the area cleared of all contaminated soil and or stock-piles of backfill material.

Republic Backhoe & Trucking Service  
47 E Dickens Road  
Lovington, NM 88260  
NM ID #: 03-172551-00-1  
PH: 575-631-0131

**Photo #8 – Backfilling & Leveling**

## State GC, Well No. 2 – Remediation Report (Updated)

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Photo #9 – Backfilling &amp; Leveling



Photo #10 – Backfilling &amp; Leveling



## State GC, Well No. 2 – Remediation Report (Updated)

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**CONTINUED SPILL SUMMARY:**

We sampled some concerned areas when attending a walkthrough of the State GC #2 facility. A few places were discovered to be above the required thresholds, thus requiring further remediation. These areas were believed to be either historical or related to the two previous document releases (Incident #'s nAPP2216931454 & nAPP2223659355).

We remediated all pad areas under these incidents to the approved thresholds of 10,000 mg/kg for chlorides and 2,500 mg/kg for TPH using our previous well record, CP-1918-Pod-1 from Atkins Engineering Associates, Inc. All sidewalls and offpad activities will be remediated to 600 mg/kg for chlorides and 100 mg/kg for TPH.

**Day #7 – Day #11**

Found elevated levels of chloride in the containment berm used to block the flow of produced water spillage to the pasture or fields to the east and north of the production well. We also removed 3-inches of caliche under the containment berms and throughout the pad to extricate any possibility of chloride or TPH exceeding the thresholds.

Reveled the entire excavated area and began implementing the sample grid approved by the (OCD). Soil samples were extracted and transported to Cardinal Labs in Hobbs, New Mexico, for analysis. Onsite soil samples were also taken simultaneously so the backfill process could begin as soon as the samples were taken to the lab.

With verified soil analysis, the area was backfilled, leveled, and the area cleared of all contaminated soil and or stock-piles of backfill material.

Contaminated soil transported to Lazy Ace Land Farm, by:

M. Mata Trucking

P.O. Box 163

Hobbs, NM 88241

PH: 575-631-3231

**CONTINUED SPILL SUMMARY:**

A few places were discovered to be above the required thresholds, thus requiring further remediation.

**Day #12 – Day #14**

We removed 3-inches of caliche and soil samples were extracted and transported to Cardinal Labs in Hobbs, New Mexico, for analysis. Onsite soil samples were also taken simultaneously so the backfill process could begin as soon as the samples were taken to the lab.

With verified soil analysis, the area was backfilled, leveled, and the area cleared of all contaminated soil and or stock-piles of backfill material.



## State GC, Well No. 2 – Remediation Report (Updated)

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Photo #11 – Excavating &amp; Removing the Containment Berms;



Photo #12 - Excavating &amp; Removing the Containment Berms;





Photo #13 – Sampling, Releveling, &amp; Backfilling



Photo #14 - Sampling, Releveling, &amp; Backfilling

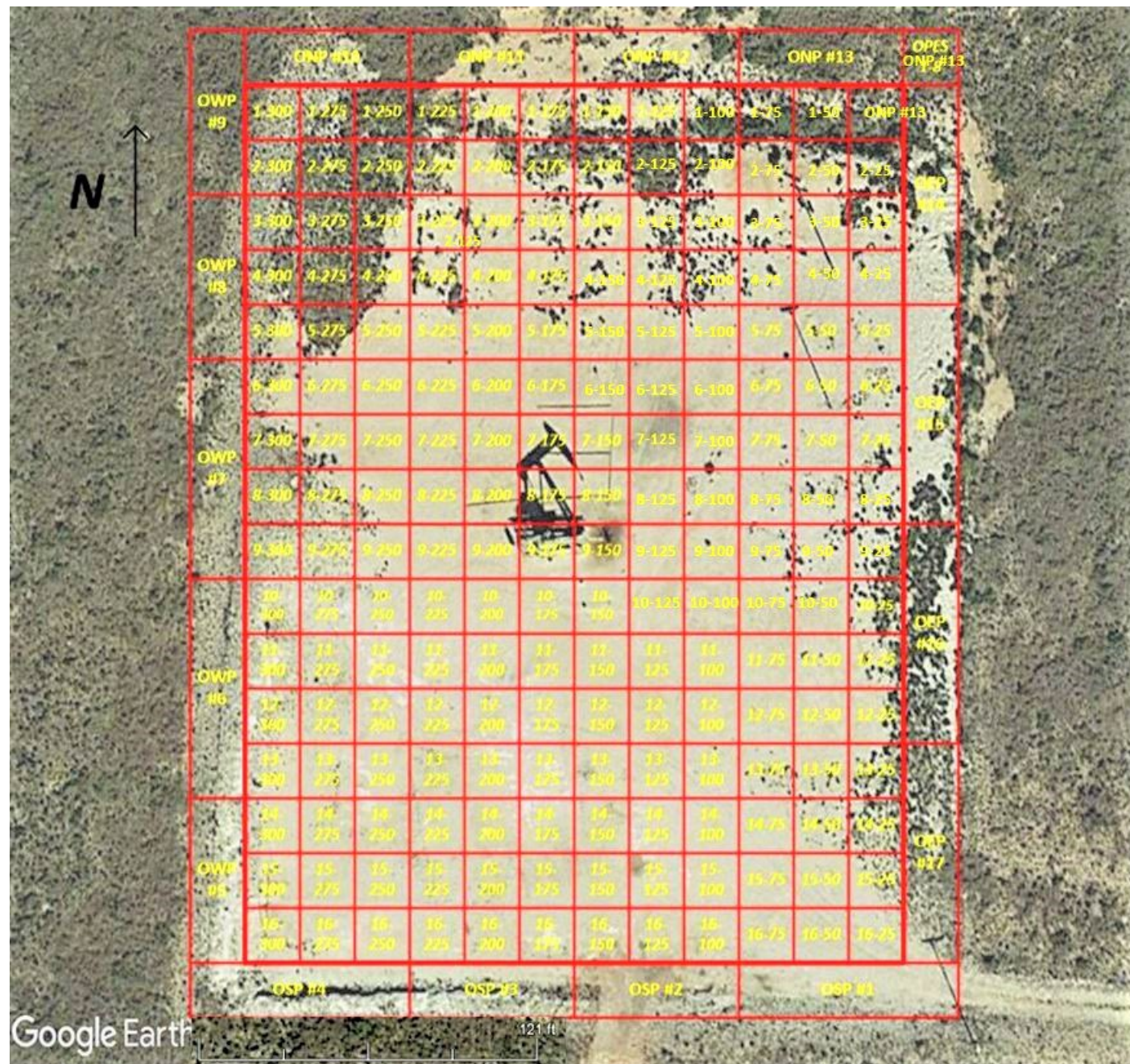




## State GC, Well No. 2 – Remediation Report (Updated)

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## FINAL REMEDIATION SOIL SAMPLING GRID



## State GC, Well No. 2 – Remediation Report (Updated)

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## REMEDIATION SOIL SAMPLING TABLES

On-Site Field-Testing Table:

Table 1 On-Site Field-Testing Results				
SAMPLE ID	DATE	DEPTH	TPH (mg/kg)	Chloride (mg/kg)
GC-S1 SOUTH	9-8-2022	0 – 3"	<1,500	<3,000
GC-S2 SOUTH	9-8-2022	0 – 3"	<2,500	<3,000
GC-S3 SOUTH	9-8-2022	0 – 3"	<2,500	<3,000
GC-S4 SOUTH	9-8-2022	0 – 3"	<2,500	<3,000
GC-S5 SOUTH	9-8-2022	0 – 6"	>500	<3,000
GC-S6 SOUTH	9-8-2022	0 – 6"	>1,200	>1,000
GC-S7 SOUTH	9-8-2022	0 – 6"	>800	>1,500
GC-S8 SOUTH	9-8-2022	0 – 6"	>550	>1,500
GC-S9 NORTH	9-9-2022	0 – 3"	<1,500	<3,000
GC-S10 NORTH	9-9-2022	0 – 3"	<2,500	<3,000
GC-S11 NORTH	9-9-2022	0 – 3"	>1,000	>500
GC-S12 NORTH	9-9-2022	0 – 3"	>1,000	<3,000
GC-S13 NORTH	9-9-2022	0 – 7"	>1,750	>3,000
GC-S14 NORTH	9-9-2022	0 – 7"	>1,650	>3,000
GC-S15 NORTH	9-9-2022	0 – 7"	>750	<3,000
GC-S16 NORTH	9-9-2022	0 – 7"	>450	>1,000
GC-S17 NB	9-9-2022	0 – 6"	<3,500	<3,000
GC-S18 EAST	9-10-2022	0 – 3"	>1,500	<3,000
GC-S19 EAST	9-10-2022	0 – 3"	>750	<3,000
GC-S20 EAST	9-10-2022	0 – 6"	>500	<3,000
GC-S21 EAST	9-10-2022	0 – 8"	<1,500	<2,000
GC-S22 EAST	9-10-2022	0 – 7"	>1,000	>3,000
GC-S23 NW	9-11-2022	0 – 3"	>1,200	<3,000
GC-S24 NW	9-11-2022	0 – 3"	>1,100	<3,000
GC-S25 NW	9-11-2022	0 – 7"	>750	<3,000
GC-S26 NW	9-11-2022	0 – 7"	>500	<3,000
GC-S27 NW	9-11-2022	0 – 6"	>1,000	<3,000
GC-S28 NE	9-12-2022	0 – 3"	>750	<3,000
GC-S29 NE	9-12-2022	0 – 3"	>750	<3,000
GC-S30 NE	9-12-2022	0 – 6"	>500	<3,000
GC-S31 NE	9-12-2022	0 – 7"	>500	<3,000
GC-S32 NE	9-12-2022	0 – 6"	>800	>2,000



## State GC, Well No. 2 – Remediation Report (Updated)

2023

Table 2  
Confirmation of Certified Analytical Results – Background Field Test (Used to verify field testing)

SAMPLE ID	DATE	DEPTH	TPH (mg/kg)	Chloride (mg/kg)
GC-FT-1 (GC-S5)	9-9-2022	0 – 6"	84	7,600
GC-FT-2 (GC-S16)	9-9-2022	0 – 7"	123	560
GC-FT-3 (GC-17)	9-9-2022	0 – 6"	4,420	4,400

Table 3 – PART 1  
Confirmation of Certified Analytical Results – Final Sample Grid 9-13-2022

SAMPLE ID	DATE	DEPTH	BENZENE (mg/kg)	BTEX (mg/kg)	Chloride (mg/kg)	TPH C6-C36 (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	GRO + DRO C6-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)
GC-BG-1	9-13-2022	0 – 6"	<0.050	<0.300	368	<10.0	<10.0	<10.0	<10.0	<10.0
GC-BG-2	9-13-2022	0 – 6"	<0.050	<0.799	3480	1,154	33.8	974	1,007	147
GC-BG-3	9-13-2022	0 – 6"	<0.050	<0.300	2720	596	<10.0	494	494	102
GC-BG-4	9-13-2022	0 – 6"	<0.050	<0.300	752	121	<10.0	102	102	19.4
GC-BG-5	9-13-2022	0 – 6"	<0.050	<0.300	80	<10.0	<10.0	<10.0	<10.0	<10.0
GC-1-50	9-13-2022	0 – 6"	<0.050	<0.300	4000	313	<10.0	252	252	61.3
GC-1-75	9-13-2022	0 – 6"	<0.050	<0.300	2040	344	<10.0	262	262	82.9
GC-1-100	6-08-2023	0 – 6"	<0.050	<0.300	2000	1443	<10.0	1110	1110	333
GC-2-25	9-13-2022	0 – 6"	<0.050	<0.300	4400	786	<10.0	596	596	190
GC-2-50	9-13-2022	0 – 6"	<0.050	<0.300	7200	741	<10.0	574	574	167
GC-2-75	9-13-2022	0 – 6"	<0.050	<0.300	5920	339	<10.0	256	256	83
GC-2-100	9-13-2022	0 – 6"	<0.050	<0.300	4640	269	<10.0	211	211	58
GC-2-125	9-13-2022	0 – 6"	<0.050	<0.300	3200	35.6	<10.0	21.2	21.2	14.4
GC-3-25	9-13-2022	0 – 6"	<0.050	<0.300	3920	145.3	<10.0	120	120	25.3
GC-3-50	9-13-2022	0 – 6"	<0.050	<0.300	1060	298.6	<10.0	242	242	56.6
GC-3-75	9-13-2022	0 – 6"	<0.050	<0.300	4240	407.6	<10.0	320	320	87.6
GC-3-100	9-13-2022	0 – 6"	<0.050	<0.300	4720	477	<10.0	376	376	101
GC-3-125	9-13-2022	0 – 6"	<0.050	<0.300	3840	210.4	<10.0	164	164	46.4
GC-4-25	9-13-2022	0 – 6"	<0.050	<0.300	6240	988	<10.0	809	809	179
GC-4-50	9-13-2022	0 – 6"	<0.050	<0.300	3400	868.7	<10.0	246	809	59.7
GC-4-75	9-13-2022	0 – 6"	<0.050	<0.300	7800	387.3	<10.0	302	302	85.3
GC-4-100	9-13-2022	0 – 6"	<0.050	<0.300	7120	165.9	<10.0	129	129	36.9
GC-4-125	9-13-2022	0 – 6"	<0.050	<0.300	8500	132.5	<10.0	117	117	15.5
GC-4-150	9-13-2022	0 – 6"	<0.050	<0.300	5800	254	<10.0	198	198	56
GC-5-100	9-13-2022	0 – 6"	<0.050	<0.300	3240	928	<10.0	734	734	194
GC-5-125	6-08-2023	0 – 6"	<0.050	<0.300	768	190.1	<10.0	132	132	58.1
GC-5-150	9-13-2022	0 – 6"	<0.050	<0.300	4640	412.5	<10.0	316	316	96.5

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## State GC, Well No. 2 – Remediation Report (Updated)

2023

Table 3 – PART 2  
Confirmation of Certified Analytical Results – Final Sample Grid 9-13-2022

SAMPLE ID	DATE	DEPTH	BENZENE (mg/kg)	BTEX (mg/kg)	Chloride (mg/kg)	TPH C6-C36 (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10- C28 (mg/kg)	GRO + DRO C6-C28 (mg/kg)	EXT DRO C28- C36 (mg/kg)
GC-6-100	6-08-2023	0 – 6"	<0.050	<0.300	512	99	<10.0	77.9	77.9	21.1
GC-6-125	6-08-2023	0 – 6"	<0.050	<0.300	656	158.5	<10.0	120	120	38.5
GC-6-150	6-08-2023	0 – 6"	<0.050	<0.300	528	82.1	<10.0	67.1	67.1	15.0
GC-7-100	9-13-2022	0 – 6"	<0.050	<0.300	3040	759	<10.0	630	630	129
GC-7-125	6-08-2023	0 – 6"	<0.050	<0.300	1070	883	<10.0	677	677	206
GC-8-25	6-08-2023	0 – 6"	<0.050	<0.300	720	36.6	<10.0	36.6	36.6	<10.0
GC-8-50	9-13-2022	0 – 6"	<0.050	<0.300	3040	541	11.0	449	460	81
GC-8-75	9-13-2022	0 – 6"	<0.050	<0.300	3200	849	<10.0	724	724	125
GC-8-100	6-08-2023	0 – 6"	<0.050	<0.300	1040	452.2	<10.0	370	370	82.2
GC-8-125	9-13-2022	0 – 6"	<0.050	0.668	1920	1199.1	16.1	961	977.1	222
GC-9-25	6-08-2023	0 – 6"	<0.050	<0.300	880	97.4	<10.0	67.2	67.2	30.2
GC-9-50	9-13-2022	0 – 6"	<0.050	<0.300	1600	442.5	11.4	368	379.4	63.1
GC-9-75	9-13-2022	0 – 6"	<0.050	<0.300	3360	968.3	11.3	816	827.3	141
GC-9-100	6-08-2023	0 – 6"	<0.050	<0.300	1300	<10.0	<10.0	<10.0	<10.0	<10.0
GC-9-125	6-08-2023	0 – 6"	<0.050	<0.300	784	<10.0	<10.0	<10.0	<10.0	<10.0
GC-10-50	6-08-2023	0 – 6"	<0.050	<0.300	1230	220.2	<10.0	186	186	34.2
GC-10-75	6-08-2023	0 – 6"	<0.050	<0.300	1120	125.7	<10.0	105	105	20.7
GC-10-100	9-13-2022	0 – 6"	<0.050	<0.300	976	788	<10.0	664	664	124
GC-10-125	6-08-2023	0 – 6"	<0.050	<0.300	848	67.5	<10.0	52.5	52.5	15.0

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Table 3 – PART 3  
Confirmation of Certified Analytical Results – Final Sample Grid 1-10-2023

SAMPLE ID	DATE	DEPTH	BENZENE (mg/kg)	BTEX (mg/kg)	Chloride (mg/kg)	TPH C6-C36 (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10- C28 (mg/kg)	GRO + DRO C6-C28 (mg/kg)	EXT DRO C28- C36 (mg/kg)
OSP #1	1-10-2023	0 – 6"	<0.050	<0.300	16.0	<10.0	<10.0	<10.0	<10.0	<10.0
OSP #2	1-10-2023	0 – 6"	<0.050	<0.300	32.0	<10.0	<10.0	<10.0	<10.0	<10.0
OSP #3	1-10-2023	0 – 6"	<0.050	<0.300	16.0	<10.0	<10.0	<10.0	<10.0	<10.0
OSP #4	1-10-2023	0 – 6"	<0.050	<0.300	32.0	<10.0	<10.0	<10.0	<10.0	<10.0
OWP #5	1-10-2023	0 – 6"	<0.050	<0.300	32.0	<10.0	<10.0	<10.0	<10.0	<10.0
OWP #6	1-10-2023	0 – 6"	<0.050	<0.300	16.0	<10.0	<10.0	<10.0	<10.0	<10.0
OWP #7	1-10-2023	0 – 6"	<0.050	<0.300	32.0	<10.0	<10.0	<10.0	<10.0	<10.0

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OWP #8	1-10-2023	0 – 6"	<0.050	<0.300	16.0	<10.0	<10.0	<10.0	<10.0	<10.0
OWP #9	1-10-2023	0 – 6"	<0.050	<0.300	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0
ONP #10	1-10-2023	0 – 6"	<0.050	<0.300	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0
ONP #11	1-10-2023	0 – 6"	<0.050	<0.300	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0
ONP #12	1-10-2023	0 – 6"	<0.050	<0.300	32.0	<10.0	<10.0	<10.0	<10.0	<10.0
ONP #13	1-10-2023	0 – 6"	<0.050	<0.300	32.0	<10.0	<10.0	<10.0	<10.0	<10.0
OEP #14	1-10-2023	0 – 6"	<0.050	<0.300	320.0	<10.0	<10.0	<10.0	<10.0	<10.0
OEP #15	1-10-2023	0 – 6"	<0.050	<0.300	400.00	<10.0	<10.0	<10.0	<10.0	<10.0
OEP #16	1-10-2023	0 – 6"	<0.050	<0.300	32.0	<10.0	<10.0	<10.0	<10.0	<10.0
OEP #17	1-10-2023	0 – 6"	<0.050	<0.300	16.0	<10.0	<10.0	<10.0	<10.0	<10.0

Table 3 – PART 4

## Confirmation of Certified Analytical Results – Final Sample Grid 1-17-2023

SAMPLE ID	DATE	DEPTH	BENZENE (mg/kg)	BTEX (mg/kg)	Chloride (mg/kg)	TPH C6-C36 (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10- C28 (mg/kg)	GRO + DRO C6-C28 (mg/kg)	EXT DRO C28- C36 (mg/kg)
GC-5-25	1-17-2023	0 – 3"	<0.050	<0.300	1,920	41.3	<10.0	41.3	41.3	<10.0
GC-6-25	1-17-2023	0 – 3"	<0.050	<0.300	1,840	41.3	<10.0	41.3	41.3	<10.0
GC-7-25	1-17-2023	0 – 3"	<0.050	<0.300	1,440	64.7	<10.0	54.5	54.5	10.2
GC-10-25	1-17-2023	0 – 3"	<0.050	<0.300	640	<10.0	<10.0	<10.0	<10.0	<10.0
GC-11-25	1-17-2023	0 – 3"	<0.050	<0.300	720	<10.0	<10.0	<10.0	<10.0	<10.0
GC-12-25	1-17-2023	0 – 3"	<0.050	<0.300	896	<10.0	<10.0	<10.0	<10.0	<10.0
GC-13-25	1-17-2023	0 – 3"	<0.050	<0.300	48	<10.0	<10.0	<10.0	<10.0	<10.0
GC-14-25	1-17-2023	0 – 3"	<0.050	<0.300	32	<10.0	<10.0	<10.0	<10.0	<10.0
GC-15-25	1-17-2023	0 – 3"	<0.050	<0.300	64	<10.0	<10.0	<10.0	<10.0	<10.0
GC-16-25	1-17-2023	0 – 3"	<0.050	<0.300	64	<10.0	<10.0	<10.0	<10.0	<10.0
GC-5-50	1-17-2023	0 – 3"	<0.050	<0.300	672	606	<10.0	500	500	106
GC-6-50	1-17-2023	0 – 3"	<0.050	<0.300	656	731	<10.0	591	591	140
GC-7-50	1-17-2023	0 – 3"	<0.050	<0.300	736	795	<10.0	641	641	154
GC-11-50	1-17-2023	0 – 3"	<0.050	<0.300	64	<10.0	<10.0	<10.0	<10.0	<10.0
GC-12-50	1-17-2023	0 – 3"	<0.050	<0.300	80	<10.0	<10.0	<10.0	<10.0	<10.0
GC-13-50	1-17-2023	0 – 3"	<0.050	<0.300	80	<10.0	<10.0	<10.0	<10.0	<10.0
GC-14-50	1-17-2023	0 – 3"	<0.050	<0.300	48	<10.0	<10.0	<10.0	<10.0	<10.0
GC-15-50	1-17-2023	0 – 3"	<0.050	<0.300	48	<10.0	<10.0	<10.0	<10.0	<10.0
GC-16-50	1-17-2023	0 – 3"	<0.050	<0.300	80	<10.0	<10.0	<10.0	<10.0	<10.0
GC-5-75	1-17-2023	0 – 3"	<0.050	<0.300	528	474.9	<10.0	385	385	89.9
GC-6-75	1-17-2023	0 – 3"	<0.050	<0.300	624	539	<10.0	431	431	108
GC-7-75	1-17-2023	0 – 3"	<0.050	<0.300	640	600	<10.0	483	483	117
GC-11-75	1-17-2023	0 – 3"	<0.050	<0.300	80	<10.0	<10.0	<10.0	<10.0	<10.0

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GC-12-75	1-17-2023	0 – 3"	<0.050	<0.300	80	<10.0	<10.0	<10.0	<10.0	<10.0
GC-13-75	1-17-2023	0 – 3"	<0.050	<0.300	112	<10.0	<10.0	<10.0	<10.0	<10.0
GC-14-75	1-17-2023	0 – 3"	<0.050	<0.300	80	<10.0	<10.0	<10.0	<10.0	<10.0
GC-15-75	1-17-2023	0 – 3"	<0.050	<0.300	64	<10.0	<10.0	<10.0	<10.0	<10.0
GC-16-75	1-17-2023	0 – 3"	<0.050	<0.300	96	<10.0	<10.0	<10.0	<10.0	<10.0
GC-11-100	1-17-2023	0 – 3"	<0.050	<0.300	272	30.7	<10.0	30.7	30.7	<10.0
GC-12-100	1-17-2023	0 – 3"	<0.050	<0.300	256	13.7	<10.0	13.7	13.7	<10.0
GC-13-100	1-17-2023	0 – 3"	<0.050	<0.300	272	14.1	<10.0	14.1	14.1	<10.0
GC-14-100	1-17-2023	0 – 3"	<0.050	<0.300	336	20.9	<10.0	20.9	20.9	<10.0
GC-15-100	1-17-2023	0 – 3"	<0.050	<0.300	368	34.9	<10.0	23.5	23.5	11.4
GC-16-100	1-17-2023	0 – 3"	<0.050	<0.300	384	49.7	<10.0	35.1	35.1	14.6
GC-1-125	1-17-2023	0 – 3"	<0.050	<0.300	112	<10.0	<10.0	<10.0	<10.0	<10.0
GC-11-125	1-17-2023	0 – 3"	<0.050	<0.300	144	<10.0	<10.0	<10.0	<10.0	<10.0
GC-12-125	1-17-2023	0 – 3"	<0.050	<0.300	149	<10.0	<10.0	<10.0	<10.0	<10.0
GC-13-125	1-17-2023	0 – 3"	<0.050	<0.300	240	<10.0	<10.0	<10.0	<10.0	<10.0
GC-14-125	1-17-2023	0 – 3"	<0.050	<0.300	340	<10.0	<10.0	<10.0	<10.0	<10.0
GC-15-125	1-17-2023	0 – 3"	<0.050	<0.300	272	<10.0	<10.0	<10.0	<10.0	<10.0
GC-16-125	1-17-2023	0 – 3"	<0.050	<0.300	2,120	<10.0	<10.0	<10.0	<10.0	<10.0
GC-1-150	1-17-2023	0 – 3"	<0.050	<0.300	1,180	<10.0	<10.0	<10.0	<10.0	<10.0
GC-2-150	1-17-2023	0 – 3"	<0.050	<0.300	1,250	<10.0	<10.0	<10.0	<10.0	<10.0
GC-3-150	1-17-2023	0 – 3"	<0.050	<0.300	1,180	14.9	<10.0	14.9	14.9	<10.0
GC-7-150	1-17-2023	0 – 3"	<0.050	<0.300	528	<10.0	<10.0	<10.0	<10.0	<10.0
GC-8-150	1-17-2023	0 – 3"	<0.050	<0.300	538	31.2	<10.0	31.2	31.2	<10.0
GC-9-150	1-17-2023	0 – 3"	<0.050	<0.300	1,170	461	<10.0	327	327	134
GC-10-150	1-17-2023	0 – 3"	<0.050	<0.300	976	592	<10.0	413	413	179
GC-11-150	1-17-2023	0 – 3"	<0.050	<0.300	752	338	<10.0	233	233	105
GC-12-150	1-17-2023	0 – 3"	<0.050	<0.300	800	319	<10.0	218	218	101
GC-13-150	1-17-2023	0 – 3"	<0.050	<0.300	624	40.4	<10.0	27.1	27.1	13.3
GC-14-150	1-17-2023	0 – 3"	<0.050	<0.300	688	49.7	<10.0	32.5	32.5	17.2
GC-15-150	1-17-2023	0 – 3"	<0.050	<0.300	1,920	256.1	<10.0	169	169	87.1
GC-16-150	1-17-2023	0 – 3"	<0.050	<0.300	1,960	249.5	<10.0	157	157	92.5
GC-1-175	1-17-2023	0 – 3"	<0.050	<0.300	3,800	965	<10.0	684	684	281
GC-2-175	1-17-2023	0 – 3"	<0.050	<0.300	3,360	799	<10.0	569	569	230
GC-3-175	1-17-2023	0 – 3"	<0.050	<0.300	7,360	1138	<10.0	804	804	334
GC-4-175	1-17-2023	0 – 3"	<0.050	<0.300	8,260	78.3	<10.0	60.2	60.2	18.1
GC-5-175	1-17-2023	0 – 3"	<0.050	<0.300	8,960	71.9	<10.0	56.9	56.9	15
GC-6-175	1-17-2023	0 – 3"	<0.050	<0.300	6,400	26.9	<10.0	26.9	26.9	<10.0
GC-7-175	1-17-2023	0 – 3"	<0.050	<0.300	4,640	102.5	<10.0	78.9	78.9	23.6
GC-8-175	1-17-2023	0 – 3"	<0.050	<0.300	4,800	81.7	<10.0	63.6	63.6	18.1
GC-9-175	1-17-2023	0 – 3"	<0.050	<0.300	4,480	64.8	<10.0	51	51	13.8
GC-10-175	1-18-2023	0 – 3"	<0.050	<0.300	1,440	<10.0	<10.0	<10.0	<10.0	<10.0

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GC-11-175	1-18-2023	0 – 3"	<0.050	<0.300	1,680	69.3	<10.0	49.2	49.2	20.1
GC-12-175	1-18-2023	0 – 3"	<0.050	<0.300	2,720	16	<10.0	16	16	<10.0
GC-13-175	1-18-2023	0 – 3"	<0.050	<0.300	2,080	<10.0	<10.0	<10.0	<10.0	<10.0
GC-14-175	1-18-2023	0 – 3"	<0.050	<0.300	2,960	97.9	<10.0	79.5	79.5	18.4
GC-15-175	1-18-2023	0 – 3"	<0.050	<0.300	2,920	47.6	<10.0	47.6	47.6	<10.0
GC-16-175	1-18-2023	0 – 3"	<0.050	<0.300	2,400	45.0	<10.0	45.0	45.0	<10.0
GC-1-200	1-18-2023	0 – 3"	<0.050	<0.300	1,010	<10.0	<10.0	<10.0	<10.0	<10.0
GC-2-200	1-18-2023	0 – 3"	<0.050	<0.300	1,200	<10.0	<10.0	<10.0	<10.0	<10.0
GC-3-200	1-18-2023	0 – 3"	<0.050	<0.300	1,230	<10.0	<10.0	<10.0	<10.0	<10.0
GC-4-200	1-18-2023	0 – 3"	<0.050	<0.300	6,800	<10.0	<10.0	<10.0	<10.0	<10.0
GC-5-200	1-18-2023	0 – 3"	<0.050	<0.300	8,730	<10.0	<10.0	<10.0	<10.0	<10.0
GC-6-200	1-18-2023	0 – 3"	<0.050	<0.300	3,800	117.9	<10.0	91.4	91.4	26.5
GC-7-200	1-18-2023	0 – 3"	<0.050	<0.300	5,840	<10.0	<10.0	<10.0	<10.0	<10.0
GC-8-200	1-18-2023	0 – 3"	<0.050	<0.300	96	<10.0	<10.0	<10.0	<10.0	<10.0
GC-9-200	1-18-2023	0 – 3"	<0.050	<0.300	224	<10.0	<10.0	<10.0	<10.0	<10.0
GC-10-200	1-18-2023	0 – 3"	<0.050	<0.300	256	254.3	<10.0	185	185	69.3
GC-11-200	1-18-2023	0 – 3"	<0.050	<0.300	240	282	<10.0	204	204	78
GC-12-200	1-18-2023	0 – 3"	<0.050	<0.300	1,620	<10.0	<10.0	<10.0	<10.0	<10.0
GC-13-200	1-18-2023	0 – 3"	<0.050	<0.300	1,440	<10.0	<10.0	<10.0	<10.0	<10.0
GC-14-200	1-18-2023	0 – 3"	<0.050	<0.300	1,180	<10.0	<10.0	<10.0	<10.0	<10.0
GC-15-200	1-18-2023	0 – 3"	<0.050	<0.300	1,220	<10.0	<10.0	<10.0	<10.0	<10.0
GC-16-200	1-18-2023	0 – 3"	<0.050	<0.300	1,090	<10.0	<10.0	<10.0	<10.0	<10.0
GC-1-225	1-18-2023	0 – 3"	<0.050	<0.300	2,680	<10.0	<10.0	<10.0	<10.0	<10.0
GC-2-225	1-18-2023	0 – 3"	<0.050	<0.300	6,660	<10.0	<10.0	<10.0	<10.0	<10.0
GC-3-225	6-08-2023	0 – 3"	<0.050	<0.300	1,340	1,370	<10.0	1120	1120	250
GC-4-225	6-08-2023	0 – 3"	<0.050	<0.300	1,230	1,380	<10.0	1090	1090	290
GC-5-225	1-18-2023	0 – 3"	<0.050	<0.300	800	10.4	<10.0	10.4	10.4	<10.0
GC-6-225	1-18-2023	0 – 3"	<0.050	<0.300	608	<10.0	<10.0	<10.0	<10.0	<10.0
GC-7-225	1-18-2023	0 – 3"	<0.050	<0.300	1,070	<10.0	<10.0	<10.0	<10.0	<10.0
GC-8-225	1-18-2023	0 – 3"	<0.050	<0.300	992	<10.0	<10.0	<10.0	<10.0	<10.0
GC-9-225	1-18-2023	0 – 3"	<0.050	<0.300	352	206.8	<10.0	161	161	45.8
GC-10-225	1-18-2023	0 – 3"	<0.050	<0.300	304	297.7	<10.0	214	214	83.7
GC-11-225	1-18-2023	0 – 3"	<0.050	<0.300	976	<10.0	<10.0	<10.0	<10.0	<10.0
GC-12-225	1-18-2023	0 – 3"	<0.050	<0.300	800	<10.0	<10.0	<10.0	<10.0	<10.0
GC-13-225	1-18-2023	0 – 3"	<0.050	<0.300	656	<10.0	<10.0	<10.0	<10.0	<10.0
GC-14-225	1-18-2023	0 – 3"	<0.050	<0.300	592	<10.0	<10.0	<10.0	<10.0	<10.0
GC-15-225	1-18-2023	0 – 3"	<0.050	<0.300	1,760	<10.0	<10.0	<10.0	<10.0	<10.0
GC-16-225	1-18-2023	0 – 3"	<0.050	<0.300	272	<10.0	<10.0	<10.0	<10.0	<10.0
GC-1-250	1-18-2023	0 – 3"	<0.050	<0.300	416	262.3	<10.0	173	173	89.3
GC-2-250	1-18-2023	0 – 3"	<0.050	<0.300	6,800	120.9	<10.0	84.3	84.3	36.6
GC-3-250	1-18-2023	0 – 3"	<0.050	<0.300	4,880	307.5	<10.0	208	208	99.5

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GC-4-250	1-18-2023	0 – 3"	<0.050	<0.300	368	24.5	<10.0	24.5	24.5	<10.0
GC-5-250	1-18-2023	0 – 3"	<0.050	<0.300	896	20.2	<10.0	20.2	20.2	<10.0
GC-6-250	1-18-2023	0 – 3"	<0.050	<0.300	720	<10.0	<10.0	<10.0	<10.0	<10.0
GC-7-250	1-18-2023	0 – 3"	<0.050	<0.300	1,200	88.7	<10.0	69.7	69.7	19.0
GC-8-250	1-18-2023	0 – 3"	<0.050	<0.300	1,180	189.5	<10.0	132	132	57.5
GC-9-250	6-08-2023	0 – 3"	<0.050	<0.300	1,010	169.5	<10.0	86.0	86.0	83.5
GC-10-250	6-08-2023	0 – 3"	<0.050	<0.300	1,060	588	<10.0	462	462	126
GC-11-250	1-18-2023	0 – 3"	<0.050	<0.300	1,440	133.5	<10.0	95.6	95.6	37.9
GC-12-250	1-18-2023	0 – 3"	<0.050	<0.300	1,250	105	<10.0	74.3	74.3	30.7
GC-13-250	1-18-2023	0 – 3"	<0.050	<0.300	1,390	<10.0	<10.0	<10.0	<10.0	<10.0
GC-14-250	1-18-2023	0 – 3"	<0.050	<0.300	1,220	<10.0	<10.0	<10.0	<10.0	<10.0
GC-15-250	1-18-2023	0 – 3"	<0.050	<0.300	1,120	<10.0	<10.0	<10.0	<10.0	<10.0
GC-16-250	1-18-2023	0 – 3"	<0.050	<0.300	992	<10.0	<10.0	<10.0	<10.0	<10.0
GC-1-275	1-18-2023	0 – 3"	<0.050	<0.300	1,380	<10.0	<10.0	<10.0	<10.0	<10.0
GC-2-275	1-18-2023	0 – 3"	<0.050	<0.300	1,710	<10.0	<10.0	<10.0	<10.0	<10.0
GC-3-275	1-18-2023	0 – 3"	<0.050	<0.300	1,740	<10.0	<10.0	<10.0	<10.0	<10.0
GC-4-275	1-18-2023	0 – 3"	<0.050	<0.300	1,780	<10.0	<10.0	<10.0	<10.0	<10.0
GC-5-275	1-18-2023	0 – 3"	<0.050	<0.300	464	<10.0	<10.0	<10.0	<10.0	<10.0
GC-6-275	1-18-2023	0 – 3"	<0.050	<0.300	484	64.4	<10.0	44.4	44.4	20.0
GC-7-275	1-18-2023	0 – 3"	<0.050	<0.300	96	10.5	<10.0	10.5	10.5	<10.0
GC-8-275	1-18-2023	0 – 3"	<0.050	<0.300	416	13.7	<10.0	13.7	13.7	<10.0
GC-9-275	1-18-2023	0 – 3"	<0.050	<0.300	80	188	<10.0	188	188	<10.0
GC-10-275	1-18-2023	0 – 3"	<0.050	<0.300	128	166	<10.0	166	166	<10.0
GC-11-275	1-18-2023	0 – 3"	<0.050	<0.300	4,000	<10.0	<10.0	<10.0	<10.0	<10.0
GC-12-275	1-18-2023	0 – 3"	<0.050	<0.300	512	<10.0	<10.0	<10.0	<10.0	<10.0
GC-13-275	1-18-2023	0 – 3"	<0.050	<0.300	464	<10.0	<10.0	<10.0	<10.0	<10.0
GC-14-275	1-18-2023	0 – 3"	<0.050	<0.300	272	<10.0	<10.0	<10.0	<10.0	<10.0
GC-15-275	1-18-2023	0 – 3"	<0.050	<0.300	1,760	137.9	<10.0	93.2	93.2	44.7
GC-16-275	1-18-2023	0 – 3"	<0.050	<0.300	1,330	103.9	<10.0	69.4	69.4	34.5
GC-1-300	1-18-2023	0 – 3"	<0.050	<0.300	112	<10.0	<10.0	<10.0	<10.0	<10.0
GC-2-300	1-18-2023	0 – 3"	<0.050	<0.300	448	44.6	<10.0	31.2	31.2	13.4
GC-3-300	1-18-2023	0 – 3"	<0.050	<0.300	256	23.0	<10.0	23.0	23.0	<10.0
GC-4-300	1-18-2023	0 – 3"	<0.050	<0.300	416	23.3	<10.0	23.3	23.3	<10.0
GC-5-300	1-18-2023	0 – 3"	<0.050	<0.300	1,090	<10.0	<10.0	<10.0	<10.0	<10.0
GC-6-300	1-18-2023	0 – 3"	<0.050	<0.300	864	<10.0	<10.0	<10.0	<10.0	<10.0
GC-7-300	1-18-2023	0 – 3"	<0.050	<0.300	1,010	<10.0	<10.0	<10.0	<10.0	<10.0
GC-8-300	1-18-2023	0 – 3"	<0.050	<0.300	928	<10.0	<10.0	<10.0	<10.0	<10.0
GC-9-300	1-18-2023	0 – 3"	<0.050	<0.300	48	<10.0	<10.0	<10.0	<10.0	<10.0
GC-10-300	1-18-2023	0 – 3"	<0.050	<0.300	496	<10.0	<10.0	<10.0	<10.0	<10.0
GC-11-300	1-18-2023	0 – 3"	<0.050	<0.300	32	<10.0	<10.0	<10.0	<10.0	<10.0
GC-12-300	1-18-2023	0 – 3"	<0.050	<0.300	512	<10.0	<10.0	<10.0	<10.0	<10.0



## State GC, Well No. 2 – Remediation Report (Updated)

2023

GC-13-300	1-18-2023	0 – 3"	<0.050	<0.300	256	<10.0	<10.0	<10.0	<10.0	<10.0
GC-14-300	1-18-2023	0 – 3"	<0.050	<0.300	912	72.6	<10.0	48.0	48.0	24.6
GC-15-300	1-18-2023	0 – 3"	<0.050	<0.300	288	<10.0	<10.0	<10.0	<10.0	<10.0
GC-16-200	1-18-2023	0 – 3"	<0.050	<0.300	448	32.8	<10.0	22.0	22.0	10.8

1

**FINAL REMEDIATION SUMMARY:**

- The production well spill has been remediated to (NMAC) requirements.
- The spill area was divided into 500 square foot segments and all soil analyzed for TPH, Chloride, Benzene, and B-TEX contains ppm levels under (NMAC) specifications.
- All contaminated soil excavated was removed and transported to a New Mexico state permitted land farm.
- The spill area was backfilled using fresh caliche, and the pad site was reconstructed to resemble the production site prior to the production fluid spill.
- All equipment transported to the spill site has been removed and all material delivered has been utilized in the back fill process; no material has been stockpiled at this production site.

**ATTACHMENTS:****(4) Lab Reports & Certified Soil Analysis:**

Mitchell Analytical Laboratory  
 2638 Faudree Road  
 Odessa, Texas 79765  
 PH: 432-561-5579

**Well Record – CP-1917-Pod-1**

Atkins Engineering Associates, Inc.  
 2904 W 2<sup>nd</sup> Street  
 Roswell, NM 88201  
 PH: 575-624-2420

**Contaminated Soil Manifest**

Lazy Ace Land Farm  
 Permit # NM-01-0041  
 P.O. Box 130  
 Eunice, NM 88231  
 PH: 575-369-5266



## State GC, Well No. 2 – Remediation Report (Updated)

2023

**CONFIRMATION OF – STATE GC – Well #2 – REMEDIATION REPORT - REVISED**

This site has been remediated using the standards and requirements established within the guidelines of the 19.15.29 NMAC.

**This remediation record will be kept at the office for a minimum of five (5) years.**

Inspected, sampled, surveyed, and remediation performed by:



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Signature

Kevin L. Robinson, CESCO, ESP-E, FLIR1, NORM CERTIFIED  
Field Inspector



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

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September 12, 2022

KEVIN ROBINSON

COMM ENGINEERING

1319 W. PINHOOK, SUITE 400

LAFAYETTE, LA 70503

RE: STATE GC

Enclosed are the results of analyses for samples received by the laboratory on 09/09/22 16:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/09/2022  
 Reported: 09/12/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: NONE GIVEN

Sampling Date: 09/08/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FT 1 BACKGROUND (H224167-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	09/12/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	211	105	200	2.08	
DRO >C10-C28*	84.0	10.0	09/10/2022	ND	212	106	200	1.28	
EXT DRO >C28-C36	29.3	10.0	09/10/2022	ND					
Surrogate: 1-Chlorooctane	86.2 %	45.3-161							
Surrogate: 1-Chlorooctadecane	92.0 %	46.3-178							

**Sample ID: FT 2 BACKGROUND (H224167-02)**

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	09/12/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	211	105	200	2.08	
DRO >C10-C28*	123	10.0	09/10/2022	ND	212	106	200	1.28	
EXT DRO >C28-C36	42.4	10.0	09/10/2022	ND					
Surrogate: 1-Chlorooctane	83.3 %	45.3-161							
Surrogate: 1-Chlorooctadecane	91.0 %	46.3-178							

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:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/09/2022  
 Reported: 09/12/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: NONE GIVEN

Sampling Date: 09/08/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FT 3 BACKGROUND (H224167-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	09/12/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	219	10.0	09/10/2022	ND	211	105	200	2.08	
DRO >C10-C28*	4420	10.0	09/10/2022	ND	212	106	200	1.28	
EXT DRO >C28-C36	926	10.0	09/10/2022	ND					
Surrogate: 1-Chlorooctane	114 %	45.3-161							
Surrogate: 1-Chlorooctadecane	117 %	46.3-178							

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476																
Company Name:				BILL TO	ANALYSIS REQUEST											
Project Manager:				P.O. #:												
Address:				Company:												
City:		State:	Zip:	Attn:												
Phone #:		Fax #:		Address:												
Project #:		Project Owner:		City:												
Project Name:				State:	Zip:											
Project Location:				Phone #:												
Sampler Name:				Fax #:												
				MATRIX	PRESERV.	SAMPLING										
FOR LAB USE ONLY				(G/RAB OR C/JOMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME
Lab I.D.				Sample I.D.				X								
A224167				FT 1 Background				X								
1				FT 2 Background				X								
2				FT 3 Background				X								
3																
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																
Relinquished By:				Date:	Received By:				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:							
K Robinson				Time:	Samuel Rodriguez				All Results are emailed. Please provide Email address:							
Date:				REMARKS:												
Time:																
Delivered By: (Circle One)				Observed Temp. °C		Sample Condition		CHECKED BY:		Turnaround Time:		Standard <input type="checkbox"/> Bacteria (only) Sample Condition				
Cool Intact				Corrected Temp. °C		Cool <input checked="" type="checkbox"/> Intact		(Initials)		Rush <input checked="" type="checkbox"/>		Cool Intact Observed Temp. °C				
Sampler - UPS - Bus - Other:						No <input type="checkbox"/> No <input type="checkbox"/>		T.O.		Thermometer ID #113		<input type="checkbox"/> Yes <input type="checkbox"/> Yes				
										Correction Factor -0.6°C		<input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C				



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

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September 19, 2022

KEVIN ROBINSON

COMM ENGINEERING

1319 W. PINHOOK, SUITE 400

LAFAYETTE, LA 70503

RE: STATE GC

Enclosed are the results of analyses for samples received by the laboratory on 09/14/22 9:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BC BG - 1 (H224219-01)**

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	09/16/2022	ND	1.87	93.5	2.00	2.91	
Toluene*	<0.050	0.050	09/16/2022	ND	1.89	94.5	2.00	2.52	
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.83	91.6	2.00	2.28	
Total Xylenes*	<0.150	0.150	09/16/2022	ND	5.71	95.2	6.00	2.37	
Total BTX	<0.300	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	368	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	186	93.1	200	0.495	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	208	104	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 74.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.9 % 46.3-178

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:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BC BG - 2 (H224219-02)**

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	09/16/2022	ND	1.87	93.5	2.00	2.91		
Toluene*	<0.050	0.050	09/16/2022	ND	1.89	94.5	2.00	2.52		
Ethylbenzene*	0.081	0.050	09/16/2022	ND	1.83	91.6	2.00	2.28		
Total Xylenes*	0.718	0.150	09/16/2022	ND	5.71	95.2	6.00	2.37		
Total BTEX	0.799	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 132 % 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	3480	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	33.8	10.0	09/15/2022	ND	186	93.1	200	0.495	
DRO >C10-C28*	974	10.0	09/15/2022	ND	208	104	200	3.11	
EXT DRO >C28-C36	147	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 163 % 46.3-178

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:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BC BG - 3 (H224219-03)**

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	09/16/2022	ND	1.87	93.5	2.00	2.91		
Toluene*	<0.050	0.050	09/16/2022	ND	1.89	94.5	2.00	2.52		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.83	91.6	2.00	2.28		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	5.71	95.2	6.00	2.37		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	2720	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	186	93.1	200	0.495		
DRO >C10-C28*	494	10.0	09/15/2022	ND	208	104	200	3.11		
EXT DRO >C28-C36	102	10.0	09/15/2022	ND						

Surrogate: 1-Chlorooctane 65.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BC BG - 4 (H224219-04)**

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	09/16/2022	ND	1.87	93.5	2.00	2.91		
Toluene*	<0.050	0.050	09/16/2022	ND	1.89	94.5	2.00	2.52		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.83	91.6	2.00	2.28		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	5.71	95.2	6.00	2.37		
Total BTX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	752	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	102	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	19.4	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 77.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BC BG - 5 (H224219-05)**

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	09/16/2022	ND	1.87	93.5	2.00	2.91		
Toluene*	<0.050	0.050	09/16/2022	ND	1.89	94.5	2.00	2.52		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.83	91.6	2.00	2.28		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	5.71	95.2	6.00	2.37		
Total BTX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	80.0	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 80.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 1 - 50 (H224219-06)**

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	09/16/2022	ND	1.87	93.5	2.00	2.91	
Toluene*	<0.050	0.050	09/16/2022	ND	1.89	94.5	2.00	2.52	
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.83	91.6	2.00	2.28	
Total Xylenes*	<0.150	0.150	09/16/2022	ND	5.71	95.2	6.00	2.37	
Total BTEX	<0.300	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	4000	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	252	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	61.3	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 1 - 75 (H224219-07)**

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	09/16/2022	ND	1.87	93.5	2.00	2.91		
Toluene*	<0.050	0.050	09/16/2022	ND	1.89	94.5	2.00	2.52		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.83	91.6	2.00	2.28		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	5.71	95.2	6.00	2.37		
Total BTX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	2040	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	262	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	82.9	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 2 - 25 (H224219-09)**

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	09/16/2022	ND	1.87	93.5	2.00	2.91		
Toluene*	<0.050	0.050	09/16/2022	ND	1.89	94.5	2.00	2.52		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.83	91.6	2.00	2.28		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	5.71	95.2	6.00	2.37		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	4400	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	596	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	190	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 142 % 46.3-178

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 2 - 50 (H224219-10)**

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	09/16/2022	ND	1.87	93.5	2.00	2.91	
Toluene*	<0.050	0.050	09/16/2022	ND	1.89	94.5	2.00	2.52	
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.83	91.6	2.00	2.28	
Total Xylenes*	<0.150	0.150	09/16/2022	ND	5.71	95.2	6.00	2.37	
Total BTEX	<0.300	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	7200	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	574	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	167	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 143 % 46.3-178

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 2 - 75 (H224219-11)**

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	09/16/2022	ND	1.87	93.5	2.00	2.91		
Toluene*	<0.050	0.050	09/16/2022	ND	1.89	94.5	2.00	2.52		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.83	91.6	2.00	2.28		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	5.71	95.2	6.00	2.37		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	5920	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	256	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	83.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 90.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 2 - 100 (H224219-12)**

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	09/16/2022	ND	2.00	100	2.00	0.168	
Toluene*	<0.050	0.050	09/16/2022	ND	2.03	102	2.00	0.0751	
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	2.04	102	2.00	0.523	
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.28	105	6.00	0.778	
Total BTEX	<0.300	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	4640	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	211	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	58.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 2 - 125 (H224219-13)**

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	09/17/2022	ND	2.00	100	2.00	0.168	
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751	
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523	
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778	
Total BTEX	<0.300	0.300	09/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	3200	16.0	09/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	21.2	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	14.4	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 80.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 3 - 25 (H224219-14)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEX	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	3920	16.0	09/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	120	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	25.3	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 3 - 50 (H224219-15)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEX	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	1060	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	242	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	56.6	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 3 - 75 (H224219-16)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEX	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	4240	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	320	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	87.6	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 3 - 100 (H224219-17)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEX	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	4720	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	376	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	101	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 133 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 3 - 125 (H224219-18)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEX	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	3840	16.0	09/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	164	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	46.4	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 77.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 4 - 25 (H224219-19)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEX	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	6240	16.0	09/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	809	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	179	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 132 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 4 - 50 (H224219-20)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEX	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	3400	16.0	09/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	246	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	59.7	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 4 - 75 (H224219-21)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEX	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	7800	16.0	09/15/2022	ND	400	100	400	3.92	QM-07	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	302	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	85.3	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 4 - 100 (H224219-22)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEX	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	7120	16.0	09/15/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	185	92.4	200	1.03	
DRO >C10-C28*	129	10.0	09/15/2022	ND	186	93.1	200	0.957	
EXT DRO >C28-C36	36.9	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 4 - 125 (H224219-23)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEx	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	8500	16.0	09/15/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	178	89.1	200	0.220	
DRO >C10-C28*	117	10.0	09/15/2022	ND	184	92.1	200	2.65	
EXT DRO >C28-C36	15.5	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 57.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 4 - 150 (H224219-24)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEx	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	5800	16.0	09/15/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	179	89.7	200	4.15	
DRO >C10-C28*	198	10.0	09/15/2022	ND	191	95.3	200	4.92	QM-07, QR-03
EXT DRO >C28-C36	56.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 77.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 5 - 100 (H224219-25)**

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	09/17/2022	ND	2.00	100	2.00	0.168	
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751	
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523	
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778	
Total BTEX	<0.300	0.300	09/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	3240	16.0	09/15/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	179	89.7	200	4.15	
DRO >C10-C28*	734	10.0	09/15/2022	ND	191	95.3	200	4.92	
EXT DRO >C28-C36	194	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 81.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 5 - 150 (H224219-27)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEX	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	4640	16.0	09/15/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	179	89.7	200	4.15	
DRO >C10-C28*	316	10.0	09/15/2022	ND	191	95.3	200	4.92	
EXT DRO >C28-C36	96.5	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 76.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 7 - 100 (H224219-31)**

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	09/17/2022	ND	2.00	100	2.00	0.168		
Toluene*	<0.050	0.050	09/17/2022	ND	2.03	102	2.00	0.0751		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	2.04	102	2.00	0.523		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	6.28	105	6.00	0.778		
Total BTEx	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	3040	16.0	09/15/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	179	89.7	200	4.15	
DRO >C10-C28*	630	10.0	09/15/2022	ND	191	95.3	200	4.92	
EXT DRO >C28-C36	129	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 8 - 50 (H224219-34)**

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	09/16/2022	ND	2.01	100	2.00	0.373	
Toluene*	<0.050	0.050	09/16/2022	ND	2.04	102	2.00	0.782	
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.99	99.3	2.00	0.400	
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.24	104	6.00	1.27	
Total BTEX	<0.300	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	3040	16.0	09/15/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.0	10.0	09/15/2022	ND	179	89.7	200	4.15	
DRO >C10-C28*	449	10.0	09/15/2022	ND	191	95.3	200	4.92	
EXT DRO >C28-C36	81.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 8 - 75 (H224219-35)**

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	09/16/2022	ND	2.01	100	2.00	0.373	
Toluene*	<0.050	0.050	09/16/2022	ND	2.04	102	2.00	0.782	
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.99	99.3	2.00	0.400	
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.24	104	6.00	1.27	
Total BTEX	<0.300	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	3200	16.0	09/15/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	179	89.7	200	4.15	
DRO >C10-C28*	724	10.0	09/15/2022	ND	191	95.3	200	4.92	
EXT DRO >C28-C36	125	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 133 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 8 - 125 (H224219-37)**

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	09/16/2022	ND	2.01	100	2.00	0.373	
Toluene*	<0.050	0.050	09/16/2022	ND	2.04	102	2.00	0.782	
Ethylbenzene*	0.087	0.050	09/16/2022	ND	1.99	99.3	2.00	0.400	
Total Xylenes*	0.581	0.150	09/16/2022	ND	6.24	104	6.00	1.27	
Total BTEX	0.668	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	1920	16.0	09/15/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	16.1	10.0	09/15/2022	ND	179	89.7	200	4.15	
DRO >C10-C28*	961	10.0	09/15/2022	ND	191	95.3	200	4.92	
EXT DRO >C28-C36	222	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 136 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 9 - 50 (H224219-39)**

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	09/16/2022	ND	2.01	100	2.00	0.373	
Toluene*	<0.050	0.050	09/16/2022	ND	2.04	102	2.00	0.782	
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.99	99.3	2.00	0.400	
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.24	104	6.00	1.27	
Total BTEX	<0.300	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	1600	16.0	09/15/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.4	10.0	09/15/2022	ND	179	89.7	200	4.15	
DRO >C10-C28*	368	10.0	09/15/2022	ND	191	95.3	200	4.92	
EXT DRO >C28-C36	63.1	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 9 - 75 (H224219-40)**

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	09/17/2022	ND	1.72	86.1	2.00	8.21		
Toluene*	<0.050	0.050	09/17/2022	ND	1.74	86.8	2.00	8.05		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	1.67	83.4	2.00	6.96		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	5.23	87.2	6.00	6.14		
Total BTEX	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	3360	16.0	09/15/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.3	10.0	09/15/2022	ND	179	89.7	200	4.15	
DRO >C10-C28*	816	10.0	09/15/2022	ND	191	95.3	200	4.92	
EXT DRO >C28-C36	141	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 136 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 09/14/2022  
 Reported: 09/19/2022  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 09/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GC - 10 - 100 (H224219-45)**

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	09/17/2022	ND	1.81	90.5	2.00	5.78	
Toluene*	<0.050	0.050	09/17/2022	ND	1.88	94.0	2.00	5.80	
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	1.83	91.6	2.00	5.57	
Total Xylenes*	<0.150	0.150	09/17/2022	ND	5.73	95.5	6.00	4.94	
Total BTEX	<0.300	0.300	09/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	976	16.0	09/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	179	89.3	200	10.4	
DRO >C10-C28*	664	10.0	09/15/2022	ND	177	88.5	200	2.66	
EXT DRO >C28-C36	124	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.8 % 46.3-178

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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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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(575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Comm Engineering</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																			
Project Manager: <u>Kevin L. Robinson</u>				P.O. #:				<u>CH, TPH, BTEX, BENZ</u>																			
Address:				Company:																							
City:		State:		Zip:		Attn:																					
Phone #:		Fax #:		Address:																							
Project #:		Project Owner: <u>Exxon Corp</u>		City:																							
Project Name: <u>State GC</u>				State: Zip:																							
Project Location: <u>New Mexico</u>				Phone #:																							
Sampler Name: <u>K. Robinson</u>				Fax #:																							
FOR LAB USE ONLY				MATRIX				PRESERV.				SAMPLING															
Lab I.D.		Sample I.D.		(GRAB OR (COMP. # CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME	
<u>H224219</u>																								<u>9-13</u>		<u>300P</u>	
1 BC BG-1																											
2 BC BG-2																											
3 BC BG-3																											
4 BC BG-4																											
5 BC BG-5																											
6 GC-1-50																											
7 GC-1-75																											
8 GC-1-100																											
9 GC-2-25																											
10 GC-2-50																											

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Relinquished By: <u>Kevin Robinson</u>		Date: <u>9-14-22</u>		Received By: <u>Humana Olden</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: <u>0935</u>				All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C <u>1.3</u>		Sample Condition		CHECKED BY: (Initials) <u>Y.O.</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>0.7</u>		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>	
				Bacteria (only) Sample Condition		Thermometer ID #113	
				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Correction Factor -0.6°C	
				Observed Temp. °C		Corrected Temp. °C	

FORM-006 R 3.3 07/16/22

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



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(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>Comm Engineering</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																			
Project Manager: <b>Kevin Robinson</b>				P.O. #:				<b>CH, TPH, BTEX, BENZ</b>																			
Address:				Company:																							
City:		State:		Zip:		Attn:																					
Phone #:		Fax #:		Address:																							
Project #:		Project Owner: <b>Exter operating</b>		City:																							
Project Name: <b>State GC</b>				State:      Zip:																							
Project Location:				Phone #:																							
Sampler Name:				Fax #:																							
FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING															
								GROUNDWATER																			
								WASTEWATER																			
								SOIL																			
								OIL																			
								SLUDGE																			
								OTHER :																			
								ACID/BASE:																			
								ICE / COOL																			
								OTHER :																			
												DATE		TIME													
<b>H224219</b>																											
11 <b>GC-2-75</b>																											
12 <b>GC-2-100</b>																											
13 <b>GC-2-125</b>																											
14 <b>GC-3-25</b>																											
15 <b>GC-3-50</b>																											
16 <b>GC-3-75</b>																											
17 <b>GC-3-100</b>																											
18 <b>GC-3-125</b>																											
19 <b>GC-4-25</b>																											
20 <b>GC-4-50</b>																											
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																											
Relinquished By:				Date: <b>7-14-22</b>		Received By:				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No    Add'l Phone #:																	
<b>Kevin Robinson</b>				<b>0935</b>		<b>[Signature]</b>				All Results are emailed. Please provide Email address:																	
Relinquished By:				Date:		Received By:				REMARKS:																	
				Time:																							
Delivered By: (Circle One)				Observed Temp. °C <b>1.3</b>		Sample Condition		CHECKED BY:		Turnaround Time:		Standard <b>Rush</b>		Bacteria (only) Sample Condition													
Sampler - UPS - Bus - Other:				Corrected Temp. °C <b>0.7</b>		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>[Signature]</b>						Cool Intact    Observed Temp. °C													
										Thermometer ID #113				<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No													
										Correction Factor -0.6°C				Corrected Temp. °C													





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(575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>COMM ENGINEERING</u>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																				
Project Manager: <u>Kevin Robinson</u>		P.O. #:		<u>CH, TPH, BTEX, BENZ</u>																				
Address:		Company:																						
City: State: Zip:		Attn:																						
Phone #: Fax #:		Address:																						
Project #: <u>ST</u> Project Owner: <u>Exter operating</u>		City:																						
Project Name: <u>State GC</u>		State: Zip:																						
Project Location:		Phone #:																						
Sampler Name:		Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
<u>H224219</u>													<u>9/13</u>	<u>300P</u>										
<u>21</u>	<u>GC-4-75</u>																							
<u>22</u>	<u>GC-4-100</u>																							
<u>23</u>	<u>GC-4-125</u>																							
<u>24</u>	<u>GC-4-150</u>																							
<u>25</u>	<u>GC-5-100</u>																							
<u>26</u>	<u>GC-5-125</u>																							
<u>27</u>	<u>GC-5-150</u>																							
<u>28</u>	<u>GC-6-100</u>																							
<u>29</u>	<u>GC-6-125</u>																							
<u>30</u>	<u>GC-6-150</u>																							

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Relinquished By: <u>Kevin Robinson</u>		Date: <u>9-14-22</u>		Received By: <u>Jamara Aldridge</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <u>8:35</u>		Time:		Time:		All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:		Time:		Time:		Time:	
Delivered By: (Circle One)		Observed Temp. °C <u>1.3</u>		Sample Condition		CHECKED BY: (Initials) <u>TO</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>0.7</u>		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	
				Thermometer ID #113 Correction Factor -0.6°C		Bacteria (only) Sample Condition	
				<input type="checkbox"/> Yes <input type="checkbox"/> No		Cool Intact Observed Temp. °C	
				<input type="checkbox"/> Yes <input type="checkbox"/> No		Corrected Temp. °C	

FORM-006 R 3.3 07/16/22

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**101 East Marland, Hobbs, NM 88240**  
**(575) 393-2326 FAX (575) 393-2476**

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By:		Date:	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Kevin Robinson		9-14-22	[Signature]	All Results are emailed. Please provide Email address:	
		Time: 0935			
Relinquished By:		Date:	Received By:	REMARKS:	
		Time:			
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact	(Initials)	Thermometer ID #113 Correction Factor -0.6°C	Cool Intact Observed Temp. °C
	1.3	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	[Signature]	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> Yes
	0.7	<input type="checkbox"/> No <input type="checkbox"/> No			<input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

~~FORM-006 R 3.3 07/18/22~~

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**(575) 393-2326 FAX (575) 393-2476**

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Comm ENGINEERING Project Manager: Kevin Robinson				BILL TO				ANALYSIS REQUEST									
Address:				P.O. #:													
City: State: Zip:				Company:													
Phone #: Fax #:				Attn:													
Project #: Project Owner: Ltex operating				Address:													
Project Name: State GC				City:													
Project Location:				State: Zip:													
Sampler Name:				Phone #:													
Fax #:																	
FOR LAB USE ONLY																	
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING									
						GROUNDWATER											
						WASTEWATER											
						SOIL											
						OIL											
						SLUDGE											
						OTHER :											
						ACID/BASE:											
						ICE / COOL											
						OTHER :											
									DATE	TIME							
H224219																	
41 GC-9-100									9-13	300P							
42 GC-9-125									9-13								
43 GC-10-50																	
44 GC-10-75																	
45 GC-10-100																	
46 GC-10-125																	

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Relinquished By: <i>Kevin Robinson</i>		Date: <i>9-14-22</i>	Received By: <i>Tamara Aldridge</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:	
Relinquished By:		Date:	Received By:		REMARKS:	
		Time:				
Delivered By: (Circle One)		Observed Temp. °C <i>1.3</i>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		CHECKED BY: (Initials) <i>TD</i>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:		Corrected Temp. °C <i>0.7</i>			Thermometer ID #113 Correction Factor -0.6°C	Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/>

~~FORM-006 R 3.3 07/18/22~~

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

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January 16, 2023

KEVIN ROBINSON

COMM ENGINEERING

1319 W. PINHOOK, SUITE 400

LAFAYETTE, LA 70503

RE: STATE GC #2

Enclosed are the results of analyses for samples received by the laboratory on 01/10/23 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEx OP - EUNICE, NM		

**Sample ID: OSP # 1 (H230132-01)**

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	01/12/2023	ND	2.12	106	2.00	2.61	
Toluene*	<0.050	0.050	01/12/2023	ND	2.18	109	2.00	1.37	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.19	109	2.00	1.02	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.61	110	6.00	1.43	
Total BTEX	<0.300	0.300	01/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-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	01/11/2023	ND	400	100	400	7.69	

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	01/11/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OSP # 2 (H230132-02)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-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	01/11/2023	ND	400	100	400	7.69		

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	01/11/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OSP # 3 (H230132-03)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-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	01/11/2023	ND	400	100	400	7.69		

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	01/11/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OSP # 4 (H230132-04)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

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	01/11/2023	ND	400	100	400	7.69		

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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 60.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OWP # 5 (H230132-05)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-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	01/11/2023	ND	400	100	400	7.69		

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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OWP # 6 (H230132-06)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-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	01/11/2023	ND	400	100	400	7.69		

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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OWP # 7 (H230132-07)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-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	01/11/2023	ND	400	100	400	7.69	

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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OWP # 8 (H230132-08)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-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	01/11/2023	ND	432	108	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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OWP # 9 (H230132-09)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-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	01/11/2023	ND	432	108	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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: ONP # 10 (H230132-10)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-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	01/11/2023	ND	432	108	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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: ONP # 11 (H230132-11)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	01/11/2023	ND	432	108	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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: ONP # 12 (H230132-12)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	01/11/2023	ND	432	108	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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: ONP # 13 (H230132-13)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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	01/11/2023	ND	432	108	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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OEP # 14 (H230132-14)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	01/11/2023	ND	432	108	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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 63.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OEP # 15 (H230132-15)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	01/11/2023	ND	432	108	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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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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:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OEP # 16 (H230132-16)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-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	01/11/2023	ND	432	108	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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/10/2023	Sampling Date:	01/10/2023
Reported:	01/16/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Celey D. Keene
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: OEP # 17 (H230132-17)**

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	01/12/2023	ND	1.97	98.7	2.00	3.69		
Toluene*	<0.050	0.050	01/12/2023	ND	2.03	102	2.00	1.05		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.02	101	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.12	102	6.00	1.67		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-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	01/11/2023	ND	432	108	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	01/12/2023	ND	209	105	200	22.8	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	222	111	200	24.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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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.
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

**101 East Marland, Hobbs, NM 88240**  
**(575) 393-2326 FAX (575) 393-2476**

Company Name: <b>COMM ENGINEERING</b> Project Manager: <b>R. Robinson</b> Address: <b>1319 W Pinhook Ste 40</b> City: <b>Udairgette</b> State: <b>LA</b> Zip: <b>70503</b> Phone #: <b>505-820-2069</b> Fax #: Project #: <b>220468</b> Project Owner: <b>Exterop</b> Project Name: <b>STATE GC #2</b> Project Location: <b>Elmice, NM</b> Sampler Name: <b>R. Robinson</b>				<b>BILL TO</b> P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:				<b>ANALYSIS REQUEST</b>															
FOR LAB USE ONLY				MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				PRESERV. ACID/BASE: ICE / COOL OTHER:		SAMPLING DATE TIME		TP4, CH, BTEX, BEND											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS																	
<b>H230132</b>		<b>OSP #1</b>		-		-		X		10-23 300P		X											
<b>OSP #2</b>		<b>OSP #2</b>		-		-		-		" "		X											
<b>3</b>		<b>OSP #3</b>		-		-		-		" "		X											
<b>4</b>		<b>OSP #4</b>		-		-		-		" "		X											
<b>5</b>		<b>OWP #5</b>		-		-		-		" "		X											
<b>6</b>		<b>OWP #6</b>		-		-		-		" "		X											
<b>7</b>		<b>OWP #7</b>		-		-		-		" "		X											
<b>8</b>		<b>OWP #8</b>		-		-		-		" "		X											
<b>9</b>		<b>OWP #9</b>		-		-		-		" "		X											
<b>10</b>		<b>OWP #10</b>		-		-		-		" "		X											

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**Renewed/Revised By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Relinquished By: <i>K. Robinson</i>		Date: <i>1-10-23</i>		Received By: <i>Dr. B. Jake Bondrean</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: <i>3:00P</i>				All Results are emailed. Please provide Email address:	
Relinquished By: <i>[Signature]</i>		Date: <i>1/10/23</i>		Received By: <i>[Signature]</i>		REMARKS: <i>NO RUSH</i>	
		Time: <i>4:30P</i>					
Delivered By: (Circle One)		Observed Temp. °C <i>3.4</i>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <i>CSH #113</i>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <i>2.8</i>				Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>	
						Thermometer ID #113 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

FORM-006 R 5.3 07/18/22

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)





101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>COMM ENGINEERING</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																			
Project Manager: <b>Kevin Robinson</b>				P.O. #:				<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> TPH, CH, BENZ, &amp; BTEX </div>																			
Address: <b>Same</b>				Company: <b>SAME</b>																							
City:		State:		Zip:		Attn:																					
Phone #:		Fax #:		Address:		City:																					
Project #: <b>220468</b>		Project Owner: <b>EXTEX OP</b>		State:		Zip:																					
Project Name: <b>State GC #2</b>		Project Location: <b>Elmwood, NM</b>		Phone #:		Fax #:																					
Sampler Name: <b>K Robinson</b>																											
FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING													
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				ACID/BASE: ICE / COOL OTHER:		DATE TIME													
<b>H230132</b>																											
<b>11 ONP #11</b>														<b>1-10-23 3:00p</b>		<b>X</b>											
<b>12 ONP #12</b>														<b>" "</b>		<b>X</b>											
<b>13 ONP #13</b>														<b>" "</b>		<b>X</b>											
<b>14 OEP #14</b>														<b>" "</b>		<b>X</b>											
<b>15 OEP #15</b>														<b>" "</b>		<b>X</b>											
<b>16 OEP #16</b>														<b>" "</b>		<b>X</b>											
<b>17 OEP #17</b>														<b>" "</b>		<b>X</b>											

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Relinquished By: <b>K. Robinson</b>		Date: <b>1-10-23</b>		Received By: <b>J. Ke Bou...</b>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By: <b>J. Ke Bou...</b>		Time: <b>3:00p</b>		Received By: <b>C. Keene</b>		All Results are emailed. Please provide Email address:	
Date: <b>1/10/23</b>		Time: <b>4:30p</b>		REMARKS: <b>NO RUST</b>			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C <b>3.4</b>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Corrected Temp. °C <b>2.8</b>		CHECKED BY: (Initials) <b>C. Keene</b>		Thermometer ID #113 Correction Factor -0.6°C		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	

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---

January 17, 2023

KEVIN ROBINSON

COMM ENGINEERING

1319 W. PINHOOK, SUITE 400

LAFAYETTE, LA 70503

RE: STATE GC #2

Enclosed are the results of analyses for samples received by the laboratory on 01/11/23 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEx OP - EUNICE, NM		

**Sample ID: GC - 5 - 25 (H230166-01)**

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	01/12/2023	ND	2.00	100	2.00	1.02		
Toluene*	<0.050	0.050	01/12/2023	ND	2.19	110	2.00	0.386		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.18	109	2.00	0.0333		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.66	111	6.00	0.0554		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	169	84.7	200	18.9	
DRO >C10-C28*	41.3	10.0	01/12/2023	ND	178	89.0	200	21.7	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 6 - 25 (H230166-02)**

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	01/13/2023	ND	2.00	100	2.00	1.02		
Toluene*	<0.050	0.050	01/13/2023	ND	2.19	110	2.00	0.386		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.18	109	2.00	0.0333		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.66	111	6.00	0.0554		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	169	84.7	200	18.9	
DRO >C10-C28*	41.4	10.0	01/12/2023	ND	178	89.0	200	21.7	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 7 - 25 (H230166-03)**

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	01/13/2023	ND	2.00	100	2.00	1.02	
Toluene*	<0.050	0.050	01/13/2023	ND	2.19	110	2.00	0.386	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.18	109	2.00	0.0333	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.66	111	6.00	0.0554	
Total BTEX	<0.300	0.300	01/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1440	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	169	84.7	200	18.9	
DRO >C10-C28*	54.5	10.0	01/12/2023	ND	178	89.0	200	21.7	
EXT DRO >C28-C36	10.2	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 10 - 25 (H230166-04)**

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	01/13/2023	ND	2.00	100	2.00	1.02	
Toluene*	<0.050	0.050	01/13/2023	ND	2.19	110	2.00	0.386	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.18	109	2.00	0.0333	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.66	111	6.00	0.0554	
Total BTX	<0.300	0.300	01/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 11 - 25 (H230166-05)**

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	01/13/2023	ND	2.00	100	2.00	1.02	
Toluene*	<0.050	0.050	01/13/2023	ND	2.19	110	2.00	0.386	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.18	109	2.00	0.0333	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.66	111	6.00	0.0554	
Total BTX	<0.300	0.300	01/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

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	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 12 - 25 (H230166-06)**

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	01/13/2023	ND	2.00	100	2.00	1.02		
Toluene*	<0.050	0.050	01/13/2023	ND	2.19	110	2.00	0.386		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.18	109	2.00	0.0333		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.66	111	6.00	0.0554		
Total BTX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 13 - 25 (H230166-07)**

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	01/13/2023	ND	2.00	100	2.00	1.02		
Toluene*	<0.050	0.050	01/13/2023	ND	2.19	110	2.00	0.386		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.18	109	2.00	0.0333		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.66	111	6.00	0.0554		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 14 - 25 (H230166-08)**

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	01/13/2023	ND	2.00	100	2.00	1.02	
Toluene*	<0.050	0.050	01/13/2023	ND	2.19	110	2.00	0.386	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.18	109	2.00	0.0333	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.66	111	6.00	0.0554	
Total BTEX	<0.300	0.300	01/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-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	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 15 - 25 (H230166-09)**

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	01/13/2023	ND	2.00	100	2.00	1.02		
Toluene*	<0.050	0.050	01/13/2023	ND	2.19	110	2.00	0.386		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.18	109	2.00	0.0333		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.66	111	6.00	0.0554		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 16 - 25 (H230166-10)**

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	01/13/2023	ND	2.00	100	2.00	1.02	
Toluene*	<0.050	0.050	01/13/2023	ND	2.19	110	2.00	0.386	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.18	109	2.00	0.0333	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.66	111	6.00	0.0554	
Total BTEX	<0.300	0.300	01/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 5 - 50 (H230166-11)**

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	01/13/2023	ND	2.00	100	2.00	1.02		
Toluene*	<0.050	0.050	01/13/2023	ND	2.19	110	2.00	0.386		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.18	109	2.00	0.0333		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.66	111	6.00	0.0554		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	500	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	106	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 6 - 50 (H230166-12)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	591	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	140	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 7 - 50 (H230166-13)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	641	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	154	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 11 - 50 (H230166-14)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 12 - 50 (H230166-15)**

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	01/12/2023	ND	2.03	101	2.00	1.79	
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706	
Total BTEx	<0.300	0.300	01/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 13 - 50 (H230166-16)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 14 - 50 (H230166-17)**

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	01/12/2023	ND	2.03	101	2.00	1.79	
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706	
Total BTEX	<0.300	0.300	01/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 15 - 50 (H230166-18)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/12/2023	ND	448	112	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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 16 - 50 (H230166-19)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 5 - 75 (H230166-20)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	385	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	89.9	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 6 - 75 (H230166-21)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	01/12/2023	ND	400	100	400	7.69	

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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	431	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	108	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 7 - 75 (H230166-22)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	483	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	117	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 11 - 75 (H230166-23)**

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	01/12/2023	ND	2.03	101	2.00	1.79	
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706	
Total BTEX	<0.300	0.300	01/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/12/2023	ND	179	89.4	200	10.9	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	167	83.3	200	16.6	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 12 - 75 (H230166-24)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/12/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 13 - 75 (H230166-25)**

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	01/12/2023	ND	2.03	101	2.00	1.79	
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706	
Total BTEX	<0.300	0.300	01/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/12/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 14 - 75 (H230166-26)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/12/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 15 - 75 (H230166-27)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/12/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 16 - 75 (H230166-28)**

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	01/12/2023	ND	2.03	101	2.00	1.79	
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706	
Total BTEX	<0.300	0.300	01/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 11 - 100 (H230166-29)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	30.7	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 12 - 100 (H230166-30)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	13.7	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 13 - 100 (H230166-31)**

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	01/12/2023	ND	2.03	101	2.00	1.79		
Toluene*	<0.050	0.050	01/12/2023	ND	2.08	104	2.00	0.731		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.11	105	2.00	0.631		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.36	106	6.00	0.706		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	14.1	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 14 - 100 (H230166-32)**

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	01/12/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/12/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	20.9	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 15 - 100 (H230166-33)**

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	01/12/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/12/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.25	104	6.00	2.02		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	23.5	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	11.4	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 16 - 100 (H230166-34)**

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	01/12/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/12/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	35.1	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	14.6	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 11 - 125 (H230166-35)**

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	01/12/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/12/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 12 - 125 (H230166-36)**

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	01/12/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/12/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.25	104	6.00	2.02		
Total BTEX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/13/2023	ND	211	106	200	5.96		
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	232	116	200	4.92		
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 13 - 125 (H230166-37)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/12/2023	ND	400	100	400	7.69	

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 14 - 125 (H230166-38)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	01/12/2023	ND	400	100	400	7.69		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 15 - 125 (H230166-39)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63	
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02	
Total BTEx	<0.300	0.300	01/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/12/2023	ND	448	112	400	3.64	

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 16 - 125 (H230166-40)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 1 - 125 (H230166-41)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 1 - 150 (H230166-42)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 2 - 150 (H230166-43)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	211	106	200	5.96	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	232	116	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 50.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 51.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 3 - 150 (H230166-44)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/12/2023	ND	231	115	200	13.3	
DRO >C10-C28*	14.9	10.0	01/12/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 7 - 150 (H230166-45)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/12/2023	ND	231	115	200	13.3	
DRO >C10-C28*	<10.0	10.0	01/12/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 8 - 150 (H230166-46)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/12/2023	ND	231	115	200	13.3	
DRO >C10-C28*	31.2	10.0	01/12/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	<10.0	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 9 - 150 (H230166-47)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1170	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/12/2023	ND	231	115	200	13.3	
DRO >C10-C28*	327	10.0	01/12/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	134	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 10 - 150 (H230166-48)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	976	16.0	01/12/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/12/2023	ND	231	115	200	13.3	
DRO >C10-C28*	413	10.0	01/12/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	179	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 168 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 11 - 150 (H230166-49)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/12/2023	ND	231	115	200	13.3	
DRO >C10-C28*	233	10.0	01/12/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	105	10.0	01/12/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 12 - 150 (H230166-50)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	218	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	101	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 13 - 150 (H230166-51)**

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	01/13/2023	ND	1.97	98.3	2.00	4.63		
Toluene*	<0.050	0.050	01/13/2023	ND	2.05	103	2.00	2.03		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.07	103	2.00	0.732		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.25	104	6.00	2.02		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	27.1	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	13.3	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 14 - 150 (H230166-52)**

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	01/12/2023	ND	2.07	104	2.00	3.09		
Toluene*	<0.050	0.050	01/12/2023	ND	2.14	107	2.00	2.88		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	3.88		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.74	112	6.00	4.59		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	32.5	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	17.2	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 15 - 150 (H230166-53)**

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	01/12/2023	ND	2.07	104	2.00	3.09		
Toluene*	<0.050	0.050	01/12/2023	ND	2.14	107	2.00	2.88		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	3.88		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.74	112	6.00	4.59		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	169	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	87.1	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 16 - 150 (H230166-54)**

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	01/12/2023	ND	2.07	104	2.00	3.09		
Toluene*	<0.050	0.050	01/12/2023	ND	2.14	107	2.00	2.88		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	3.88		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.74	112	6.00	4.59		
Total BTEx	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	157	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	92.5	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 1 - 175 (H230166-55)**

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	01/12/2023	ND	2.07	104	2.00	3.09		
Toluene*	<0.050	0.050	01/12/2023	ND	2.14	107	2.00	2.88		
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	3.88		
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.74	112	6.00	4.59		
Total BTX	<0.300	0.300	01/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3800	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	684	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	281	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 2 - 175 (H230166-56)**

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	01/13/2023	ND	1.93	96.3	2.00	4.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	3.34		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	5.19		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.27	105	6.00	6.01		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	569	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	230	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 3 - 175 (H230166-57)**

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	01/13/2023	ND	1.97	98.7	2.00	11.3		
Toluene*	<0.050	0.050	01/13/2023	ND	2.07	104	2.00	5.09		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.10	105	2.00	7.66		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.52	109	6.00	10.3		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7360	16.0	01/12/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	804	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	334	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 151 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 4 - 175 (H230166-58)**

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	01/13/2023	ND	1.97	98.7	2.00	11.3		
Toluene*	<0.050	0.050	01/13/2023	ND	2.07	104	2.00	5.09		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.10	105	2.00	7.66		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.52	109	6.00	10.3		
Total BTX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8260	16.0	01/12/2023	ND	448	112	400	3.64		

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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	60.2	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	18.1	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 5 - 175 (H230166-59)**

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	01/13/2023	ND	1.97	98.7	2.00	11.3		
Toluene*	<0.050	0.050	01/13/2023	ND	2.07	104	2.00	5.09		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.10	105	2.00	7.66		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.52	109	6.00	10.3		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8960	16.0	01/12/2023	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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	56.9	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	15.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 6 - 175 (H230166-60)**

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	01/13/2023	ND	1.97	98.7	2.00	11.3		
Toluene*	<0.050	0.050	01/13/2023	ND	2.07	104	2.00	5.09		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.10	105	2.00	7.66		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.52	109	6.00	10.3		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6400	16.0	01/12/2023	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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	26.9	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 7 - 175 (H230166-61)**

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	01/13/2023	ND	1.97	98.7	2.00	11.3		
Toluene*	<0.050	0.050	01/13/2023	ND	2.07	104	2.00	5.09		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.10	105	2.00	7.66		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.52	109	6.00	10.3		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4640	16.0	01/12/2023	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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	78.9	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	23.6	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 8 - 175 (H230166-62)**

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	01/13/2023	ND	1.97	98.7	2.00	11.3	
Toluene*	<0.050	0.050	01/13/2023	ND	2.07	104	2.00	5.09	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.10	105	2.00	7.66	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.52	109	6.00	10.3	
Total BTX	<0.300	0.300	01/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4800	16.0	01/12/2023	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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	63.6	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	18.1	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received:	01/11/2023	Sampling Date:	01/11/2023
Reported:	01/17/2023	Sampling Type:	Soil
Project Name:	STATE GC #2	Sampling Condition:	Cool & Intact
Project Number:	220468	Sample Received By:	Tamara Oldaker
Project Location:	EXTEX OP - EUNICE, NM		

**Sample ID: GC - 9 - 175 (H230166-63)**

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	01/13/2023	ND	1.97	98.7	2.00	11.3		
Toluene*	<0.050	0.050	01/13/2023	ND	2.07	104	2.00	5.09		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.10	105	2.00	7.66		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.52	109	6.00	10.3		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4480	16.0	01/12/2023	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	01/13/2023	ND	231	115	200	13.3	
DRO >C10-C28*	51.0	10.0	01/13/2023	ND	246	123	200	10.1	
EXT DRO >C28-C36	13.8	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



---

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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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".

---

Celey D. Keene, Lab Director/Quality Manager





Page 1 of 7





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(575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>COMM ENG.</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																		
Project Manager:				P.O. #:				<u>TP4 C4, BTEX, Benz</u>																		
Address:				Company:																						
City:				Attn:																						
State: Zip:				Address:																						
Phone #:				City:																						
Project #:				State: Zip:																						
Project Name:				Phone #:																						
Project Location:				Fax #:																						
Sampler Name:																										
FOR LAB USE ONLY																										
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING														
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
<u>H230164</u>													<u>1-11-23</u>	<u>443P</u>												
<u>11 GC-5-50</u>																										
<u>12 GC-6-50</u>																										
<u>13 GC-7-50</u>																										
<u>14 GC-11-50</u>																										
<u>15 GC-12-50</u>																										
<u>16 GC-13-50</u>																										
<u>17 GC-14-50</u>																										
<u>18 GC-15-50</u>																										
<u>19 GC-16-50</u>																										
<u>20 GC-17-50</u>																										

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Relinquished By: <u>K. Robinson</u>		Date: <u>1-11-23</u>	Received By: <u>Tamara Aldridge</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <u>4:30pm</u>		Time: <u>11:11/23</u>		All Results are emailed. Please provide Email address:		
Relinquished By:		Date: <u>1/6/25</u>	Received By:		REMARKS:	
Time:		Time:				
Delivered By: (Circle One)		Observed Temp. °C <u>2.1</u>	Sample Condition		Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>1.5</u>	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Bacteria (only) Sample Condition	
			CHECKED BY: (Initials) <u>TC</u>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	
					Observed Temp. °C	
					Corrected Temp. °C	
					Thermometer ID #113	
					Correction Factor -0.6°C	

FORM-006 R 3.3 01/16/22

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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BILL TO				ANALYSIS REQUEST																																	
Company Name: COMM Engineering				P.O. #:																																	
Project Manager:				Company:																																	
Address:				Attn:																																	
City: State: Zip:				Address:																																	
Phone #: Fax #:				City:																																	
Project #: Project Owner:				State: Zip:																																	
Project Name:				Phone #:																																	
Project Location:				Fax #:																																	
Sampler Name:																																					
FOR LAB USE ONLY																																					
Lab I.D.		Sample I.D.		(G/RAB OR C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																									
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
H23D166		GC-5-75																				1-11-23		443P													
21		GC-7-75																																			
22		GC-11-75																																			
23		GC-12-75																																			
24		GC-13-75																																			
25		GC-14-75																																			
26		GC-15-75																																			
27		GC-16-75																																			
28		GC-11-100																																			
29		GC-12-100																																			
30																																					
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>																																					
Relinquished By: [Signature]				Date: 1-11-23		Received By: [Signature]		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:																											
Time: 443P				Time: 1655		Time: 1/11/23		All Results are emailed. Please provide Email address:																													
Relinquished By:				Date:		Received By:		REMARKS:																													
Time:				Time:		Time:																															
Delivered By: (Circle One)				Observed Temp. °C 2.1		Sample Condition Cool Intact		CHECKED BY: (Initials) JCO		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C																									
Sampler - UPS - Bus - Other:				Corrected Temp. °C 1.5		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Thermometer ID #113		<input type="checkbox"/> Yes <input type="checkbox"/> No																									
						<input type="checkbox"/> No <input type="checkbox"/> No				Correction Factor -0.6°C		<input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C																									

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101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Comm Engineering</u>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																				
Project Manager:		P.O. #:		<u>TPH, CH, BTEX, Benz</u>																				
Address:		Company:																						
City:	State:	Zip:	Attn:																					
Phone #:	Fax #:	Address:	City:																					
Project #:	Project Owner:	State:	Zip:																					
Project Name:	Phone #:	Fax #:																						
Project Location:																								
Sampler Name:																								
FOR LAB USE ONLY																								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING													
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:											DATE	TIME
<u>H230164</u>	<u>GC-13-100</u>												<u>11-23</u>	<u>4438</u>										
<u>31</u>	<u>GC-14-100</u>																							
<u>32</u>	<u>GC-15-100</u>																							
<u>33</u>	<u>GC-16-100</u>																							
<u>34</u>	<u>GC-11-125</u>																							
<u>35</u>	<u>GC-12-125</u>																							
<u>36</u>	<u>GC-13-125</u>																							
<u>37</u>	<u>GC-14-125</u>																							
<u>38</u>	<u>GC-15-125</u>																							
<u>39</u>	<u>GC-16-125</u>																							
<u>40</u>																								

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Relinquished By:	Date: <u>11-23</u>	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
<u>K. Robinson</u>	Time: <u>4438</u>	<u>Jamara</u>	All Results are emailed. Please provide Email address:	
Relinquished By:	Date: <u>1655</u>	Received By:	REMARKS:	
	Time: <u>11/11/23</u>	<u>TO</u>		
Delivered By: (Circle One)	Observed Temp. °C <u>2.1</u>	Sample Condition	Turnaround Time: <u>Standard</u>	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>1.5</u>	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>Rush</u>	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
		CHECKED BY: (Initials) <u>J. O.</u>	Thermometer ID #113	Observed Temp. °C
			Correction Factor -0.6°C	Corrected Temp. °C

FORM-006 R 3.3 07/16/22

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Comm Engineering</u>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																				
Project Manager:		P.O. #:		<u>TPH, CH, BTEX, BENZ</u>																				
Address:		Company:																						
City:	State:	Zip:	Attn:																					
Phone #:	Fax #:	Address:																						
Project #:	Project Owner:		City:																					
Project Name:		State:	Zip:																					
Project Location:		Phone #:																						
Sampler Name:		Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME										
#230166	GC-1-125												1-11-23	443p										
41	GC-1-150																							
42	GC-2-150																							
43	GC-3-150																							
44	GC-7-150																							
45	GC-8-150																							
46	GC-9-150																							
47	GC-10-150																							
48	GC-11-150																							
49	GC-12-150																							
50																								

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Relinquished By:	Date: <u>1-11-23</u>	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
<u>K. Robinson</u>	Time: <u>4:43pm</u>	<u>Juanita Valdez</u>	All Results are emailed. Please provide Email address:
Relinquished By:	Date: <u>1/11/23</u>	Received By:	REMARKS:
	Time: <u>1:55</u>	<u>JO</u>	
Delivered By: (Circle One)	Observed Temp. °C <u>2.1</u>	Sample Condition	Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>1.5</u>	Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C
		CHECKED BY: (Initials) <u>JO</u>	Thermometer ID #113 Correction Factor -0.6°C

FORM-006 R 3.3 07/10/22

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: <i>K. Robinson</i>		Date: <i>1-11-23</i>	Received By: <i>Jamarcus Blakey</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Time: <i>4:30pm</i>	Received By:		All Results are emailed. Please provide Email address:	
Relinquished By:		Date: <i>1/11/23</i>	Received By:		REMARKS:	
Relinquished By:		Time: <i>1655</i>	Received By:		REMARKS:	
Delivered By: (Circle One)	Observed Temp. °C <i>2.1</i>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	CHECKED BY: (Initials) <i>T.O.</i>		Turnaround Time:	Standard <input type="checkbox"/> <i>Rush</i> <input checked="" type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <i>1.5</i>	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>			Thermometer ID #113	Bacteria (only) Sample Condition
					Correction Factor -0.6°C	Cool Intact Observed Temp. °C
						Yes <input type="checkbox"/> No <input type="checkbox"/>
						Yes <input type="checkbox"/> No <input type="checkbox"/>
						Corrected Temp. °C

~~FORM-008 R 3.3 07/16/22~~

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476		<b>BILL TO</b>		ANALYSIS REQUEST																			
Company Name: <b>Comm Engineering</b>		P.O. #:																					
Project Manager:		Company:																					
Address:		Attn:																					
City:	State:	Zip:	Address:																				
Phone #:	Fax #:	City:		State:		Zip:																	
Project #:	Project Owner:		Phone #:		Fax #:																		
Project Name:																							
Project Location:																							
Sampler Name:																							
FOR LAB USE ONLY		(G/RAB OR C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING											
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME									
H230166	GC-7-175											11-23	4430										
61	GC-8-175																						
62	GC-9-175																						
63	GC-10-175																						
64	GC-11-175																						
65	GC-12-175																						
66	GC-13-175																						
67	GC-14-175																						
68	GC-15-175																						
69	GC-16-175																						
70																							

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Relinquished By: <b>K. Robinson</b>		Date: <b>11-23</b>	Received By: <b>Juanita Olden</b>	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Time: <b>4430</b>		Date: <b>1/11/23</b>	Time: <b>1655</b>	All Results are emailed. Please provide Email address:
Relinquished By:				REMARKS: <b>* 604-70 NO SAMPLE!! SR 1/13/23</b>
Delivered By: (Circle One)	Observed Temp. °C <b>2.1</b>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <b>[Signature]</b>	Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <b>1.5</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113 Correction Factor -0.6°C
		<input type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C



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

January 18, 2023

KEVIN ROBINSON

COMM ENGINEERING

1319 W. PINHOOK, SUITE 400

LAFAYETTE, LA 70503

RE: STATE GC #2

Enclosed are the results of analyses for samples received by the laboratory on 01/13/23 7:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 10 - 175 (H230186-01)**

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	01/14/2023	ND	2.05	102	2.00	3.03		
Toluene*	<0.050	0.050	01/14/2023	ND	2.20	110	2.00	3.12		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.15	107	2.00	3.01		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.64	111	6.00	2.45		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1440	16.0	01/16/2023	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	01/14/2023	ND	208	104	200	9.04	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	201	100	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 11 - 175 (H230186-02)**

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	01/14/2023	ND	2.05	102	2.00	3.03		
Toluene*	<0.050	0.050	01/14/2023	ND	2.20	110	2.00	3.12		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.15	107	2.00	3.01		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.64	111	6.00	2.45		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	01/16/2023	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	01/14/2023	ND	208	104	200	9.04	
DRO >C10-C28*	49.2	10.0	01/14/2023	ND	201	100	200	7.38	
EXT DRO >C28-C36	20.1	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 12 - 175 (H230186-03)**

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	01/14/2023	ND	2.05	102	2.00	3.03		
Toluene*	<0.050	0.050	01/14/2023	ND	2.20	110	2.00	3.12		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.15	107	2.00	3.01		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.64	111	6.00	2.45		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	01/16/2023	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	01/14/2023	ND	208	104	200	9.04	
DRO >C10-C28*	16.0	10.0	01/14/2023	ND	201	100	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 13 - 175 (H230186-04)**

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	01/14/2023	ND	2.05	102	2.00	3.03		
Toluene*	<0.050	0.050	01/14/2023	ND	2.20	110	2.00	3.12		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.15	107	2.00	3.01		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.64	111	6.00	2.45		
Total BTEX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	01/16/2023	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	01/14/2023	ND	208	104	200	9.04	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	201	100	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 14 - 175 (H230186-05)**

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	01/14/2023	ND	2.05	102	2.00	3.03		
Toluene*	<0.050	0.050	01/14/2023	ND	2.20	110	2.00	3.12		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.15	107	2.00	3.01		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.64	111	6.00	2.45		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2960	16.0	01/16/2023	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	01/14/2023	ND	208	104	200	9.04	
DRO >C10-C28*	79.5	10.0	01/14/2023	ND	201	100	200	7.38	
EXT DRO >C28-C36	18.4	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 15 - 175 (H230186-06)**

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	01/14/2023	ND	2.04	102	2.00	10.1	
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2	
Total BTX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	01/16/2023	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	01/14/2023	ND	208	104	200	9.04	
DRO >C10-C28*	47.6	10.0	01/14/2023	ND	201	100	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 16 - 175 (H230186-07)**

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	01/14/2023	ND	2.04	102	2.00	10.1	
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2	
Total BTX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2400	16.0	01/16/2023	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	01/14/2023	ND	208	104	200	9.04	
DRO >C10-C28*	45.0	10.0	01/14/2023	ND	201	100	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 1 - 200 (H230186-08)**

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	01/14/2023	ND	2.04	102	2.00	10.1	
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2	
Total BTEX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1010	16.0	01/16/2023	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	01/14/2023	ND	208	104	200	9.04	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	201	100	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 2 - 200 (H230186-09)**

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	01/14/2023	ND	2.04	102	2.00	10.1		
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2		
Total BTEx	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1200	16.0	01/16/2023	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	01/14/2023	ND	208	104	200	9.04	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	201	100	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 5 - 200 (H230186-12)**

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	01/14/2023	ND	2.04	102	2.00	10.1	
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2	
Total BTEX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9730	16.0	01/16/2023	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	01/14/2023	ND	208	104	200	9.04	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	201	100	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 6 - 200 (H230186-13)**

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	01/14/2023	ND	2.04	102	2.00	10.1		
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2		
Total BTEx	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13800	16.0	01/16/2023	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	01/14/2023	ND	208	104	200	9.04	
DRO >C10-C28*	91.4	10.0	01/14/2023	ND	201	100	200	7.38	
EXT DRO >C28-C36	26.5	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 7 - 200 (H230186-14)**

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	01/14/2023	ND	2.04	102	2.00	10.1	
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2	
Total BTX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 8 - 200 (H230186-15)**

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	01/14/2023	ND	2.04	102	2.00	10.1	
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2	
Total BTX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 9 - 200 (H230186-16)**

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	01/14/2023	ND	2.04	102	2.00	10.1	
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2	
Total BTX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 10 - 200 (H230186-17)**

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	01/14/2023	ND	2.04	102	2.00	10.1	
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2	
Total BTX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	185	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	69.3	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 11 - 200 (H230186-18)**

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	01/14/2023	ND	2.04	102	2.00	10.1	
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2	
Total BTEX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	204	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	78.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 12 - 200 (H230186-19)**

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	01/14/2023	ND	2.04	102	2.00	10.1		
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2		
Total BTEx	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 13 - 200 (H230186-20)**

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	01/14/2023	ND	2.04	102	2.00	10.1	
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2	
Total BTX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1440	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 14 - 200 (H230186-21)**

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	01/14/2023	ND	2.04	102	2.00	10.1	
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2	
Total BTEx	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 15 - 200 (H230186-22)**

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	01/14/2023	ND	2.04	102	2.00	10.1		
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2		
Total BTEX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 16 - 200 (H230186-23)**

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	01/14/2023	ND	2.04	102	2.00	10.1		
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 1 - 225 (H230186-24)**

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	01/14/2023	ND	2.04	102	2.00	10.1		
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2		
Total BTEX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 2 - 225 (H230186-25)**

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	01/14/2023	ND	2.04	102	2.00	10.1		
Toluene*	<0.050	0.050	01/14/2023	ND	2.19	110	2.00	10.9		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	10.9		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.54	109	6.00	11.2		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6660	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 3 - 225 (H230186-26)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2920	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57		
DRO >C10-C28*	1280	10.0	01/16/2023	ND	205	103	200	0.182		
EXT DRO >C28-C36	476	10.0	01/16/2023	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 4 - 225 (H230186-27)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	1030	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	367	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 5 - 225 (H230186-28)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

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	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	10.4	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 6 - 225 (H230186-29)**

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	01/14/2023	ND	2.30	115	2.00	12.4	
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1	
Total BTEX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 7 - 225 (H230186-30)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTEX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 8 - 225 (H230186-31)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	992	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 9 - 225 (H230186-32)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	01/16/2023	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	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	161	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	45.8	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 10 - 225 (H230186-33)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTEX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	01/16/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2023	ND	199	99.3	200	6.57	
DRO >C10-C28*	214	10.0	01/16/2023	ND	205	103	200	0.182	
EXT DRO >C28-C36	83.7	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 155 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 11 - 225 (H230186-34)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	976	16.0	01/16/2023	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	01/13/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 12 - 225 (H230186-35)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

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	01/16/2023	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	01/13/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 13 - 225 (H230186-36)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTEX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	01/16/2023	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	01/13/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 14 - 225 (H230186-37)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	01/16/2023	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	01/13/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 15 - 225 (H230186-38)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	01/16/2023	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	01/13/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 16 - 225 (H230186-39)**

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	01/14/2023	ND	2.30	115	2.00	12.4	
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1	
Total BTEx	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/16/2023	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	01/13/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 1 - 250 (H230186-40)**

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	01/14/2023	ND	2.30	115	2.00	12.4	
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1	
Total BTX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	01/16/2023	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	01/13/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	173	10.0	01/13/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	89.3	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 2 - 250 (H230186-41)**

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	01/14/2023	ND	2.30	115	2.00	12.4	
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1	
Total BTEX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	01/16/2023	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	01/14/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	84.3	10.0	01/14/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	36.6	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 3 - 250 (H230186-42)**

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	01/14/2023	ND	2.30	115	2.00	12.4	
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1	
Total BTEX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4880	16.0	01/16/2023	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	01/14/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	208	10.0	01/14/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	99.5	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 4 - 250 (H230186-43)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	01/16/2023	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	01/14/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	24.5	10.0	01/14/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 5 - 250 (H230186-44)**

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	01/14/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/14/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.99	117	6.00	11.1		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	01/16/2023	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	01/14/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	20.2	10.0	01/14/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 6 - 250 (H230186-45)**

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	01/17/2023	ND	2.30	115	2.00	12.4		
Toluene*	<0.050	0.050	01/17/2023	ND	2.31	116	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/17/2023	ND	2.27	114	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/17/2023	ND	6.99	117	6.00	11.1		
Total BTEx	<0.300	0.300	01/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	01/16/2023	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	01/14/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 7 - 250 (H230186-46)**

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	01/14/2023	ND	2.25	113	2.00	9.71	
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52	
Total BTX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1200	16.0	01/16/2023	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	01/14/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	69.7	10.0	01/14/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	19.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 8 - 250 (H230186-47)**

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	01/14/2023	ND	2.25	113	2.00	9.71	
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52	
Total BTX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	01/16/2023	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	01/14/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	132	10.0	01/14/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	57.5	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 11 - 250 (H230186-50)**

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	01/14/2023	ND	2.25	113	2.00	9.71	
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52	
Total BTEX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1440	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	95.6	10.0	01/14/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	37.9	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 12 - 250 (H230186-51)**

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	01/14/2023	ND	2.25	113	2.00	9.71		
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

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	01/16/2023	ND	432	108	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	01/14/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	74.3	10.0	01/14/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	30.7	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 13 - 250 (H230186-52)**

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	01/14/2023	ND	2.25	113	2.00	9.71		
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1390	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 14 - 250 (H230186-53)**

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	01/14/2023	ND	2.25	113	2.00	9.71		
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52		
Total BTEX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	195	97.5	200	7.56	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	212	106	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 15 - 250 (H230186-54)**

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	01/14/2023	ND	2.25	113	2.00	9.71	
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52	
Total BTEx	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 16 - 250 (H230186-55)**

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	01/14/2023	ND	2.25	113	2.00	9.71	
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52	
Total BTEx	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	992	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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\*=Accredited Analyte

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 1 - 275 (H230186-56)**

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	01/14/2023	ND	2.25	113	2.00	9.71		
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 2 - 275 (H230186-57)**

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	01/14/2023	ND	2.25	113	2.00	9.71		
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1710	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 3 - 275 (H230186-58)**

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	01/14/2023	ND	2.25	113	2.00	9.71		
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1740	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 4 - 275 (H230186-59)**

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	01/14/2023	ND	2.25	113	2.00	9.71	
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52	
Total BTEX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1740	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 5 - 275 (H230186-60)**

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	01/14/2023	ND	2.25	113	2.00	9.71		
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52		
Total BTEX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 6 - 275 (H230186-61)**

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	01/14/2023	ND	2.25	113	2.00	9.71	
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52	
Total BTX	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	44.4	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	20.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 7 - 275 (H230186-62)**

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	01/14/2023	ND	2.25	113	2.00	9.71		
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	10.5	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 8 - 275 (H230186-63)**

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	01/14/2023	ND	2.25	113	2.00	9.71		
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52		
Total BTEX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	13.7	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 9 - 275 (H230186-64)**

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	01/14/2023	ND	2.25	113	2.00	9.71		
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52		
Total BTX	<0.300	0.300	01/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	188	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 10 - 275 (H230186-65)**

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	01/14/2023	ND	2.25	113	2.00	9.71	
Toluene*	<0.050	0.050	01/14/2023	ND	2.25	113	2.00	9.08	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.21	111	2.00	10.6	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.78	113	6.00	9.52	
Total BTEx	<0.300	0.300	01/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	166	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 11 - 275 (H230186-66)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTEx	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 12 - 275 (H230186-67)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTX	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	01/16/2023	ND	432	108	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 13 - 275 (H230186-68)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTX	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	01/16/2023	ND	432	108	400	7.69	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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 14 - 275 (H230186-69)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTEX	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 15 - 275 (H230186-70)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTX	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	93.2	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	44.7	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 16 - 275 (H230186-71)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTX	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1330	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	69.4	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	34.5	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 1 - 300 (H230186-72)**

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	01/16/2023	ND	2.11	106	2.00	0.192		
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627		
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328		
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907		
Total BTX	<0.300	0.300	01/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/14/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	<10.0	10.0	01/14/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	<10.0	10.0	01/14/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 2 - 300 (H230186-73)**

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	01/16/2023	ND	2.11	106	2.00	0.192		
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627		
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328		
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907		
Total BTEX	<0.300	0.300	01/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/16/2023	ND	196	97.8	200	9.31	
DRO >C10-C28*	31.2	10.0	01/16/2023	ND	194	96.8	200	9.29	
EXT DRO >C28-C36	13.4	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 3 - 300 (H230186-74)**

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	01/16/2023	ND	2.11	106	2.00	0.192		
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627		
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328		
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907		
Total BTEX	<0.300	0.300	01/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/16/2023	ND	432	108	400	7.69	

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	23.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 4 - 300 (H230186-75)**

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	01/16/2023	ND	2.11	106	2.00	0.192		
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627		
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328		
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907		
Total BTEX	<0.300	0.300	01/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/16/2023	ND	206	103	200	0.815		
DRO >C10-C28*	23.3	10.0	01/16/2023	ND	192	95.8	200	1.43		
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND						

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 5 - 300 (H230186-76)**

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	01/16/2023	ND	2.11	106	2.00	0.192		
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627		
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328		
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907		
Total BTX	<0.300	0.300	01/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 6 - 300 (H230186-77)**

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	01/16/2023	ND	2.11	106	2.00	0.192		
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627		
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328		
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907		
Total BTEx	<0.300	0.300	01/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 7 - 300 (H230186-78)**

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	01/16/2023	ND	2.11	106	2.00	0.192		
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627		
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328		
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907		
Total BTX	<0.300	0.300	01/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1010	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/17/2023	ND	206	103	200	0.815	
DRO >C10-C28*	<10.0	10.0	01/17/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	01/17/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 8 - 300 (H230186-79)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTEX	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 9 - 300 (H230186-80)**

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	01/16/2023	ND	2.11	106	2.00	0.192		
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627		
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328		
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907		
Total BTX	<0.300	0.300	01/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 10 - 300 (H230186-81)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTX	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 11 - 300 (H230186-82)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTX	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-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	01/16/2023	ND	432	108	400	7.69		

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 12 - 300 (H230186-83)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTX	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 13 - 300 (H230186-84)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTEx	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/16/2023	ND	432	108	400	7.69	

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 14 - 300 (H230186-85)**

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	01/16/2023	ND	2.11	106	2.00	0.192	
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.627	
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.07	103	2.00	0.328	
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.28	105	6.00	0.0907	
Total BTEX	<0.300	0.300	01/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	01/16/2023	ND	432	108	400	7.69		

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	48.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	24.6	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 15 - 300 (H230186-86)**

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	01/17/2023	ND	2.10	105	2.00	3.71		
Toluene*	<0.050	0.050	01/17/2023	ND	2.08	104	2.00	2.74		
Ethylbenzene*	<0.050	0.050	01/17/2023	ND	2.05	103	2.00	2.55		
Total Xylenes*	<0.150	0.150	01/17/2023	ND	6.17	103	6.00	2.55		
Total BTEx	<0.300	0.300	01/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	01/16/2023	ND	432	108	400	7.69		

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	<10.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 01/13/2023  
 Reported: 01/18/2023  
 Project Name: STATE GC #2  
 Project Number: 220468  
 Project Location: EXTEX OP - EUNICE, NM

Sampling Date: 01/12/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GC - 16 - 300 (H230186-87)**

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	01/17/2023	ND	2.10	105	2.00	3.71	
Toluene*	<0.050	0.050	01/17/2023	ND	2.08	104	2.00	2.74	
Ethylbenzene*	<0.050	0.050	01/17/2023	ND	2.05	103	2.00	2.55	
Total Xylenes*	<0.150	0.150	01/17/2023	ND	6.17	103	6.00	2.55	
Total BTEx	<0.300	0.300	01/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	01/16/2023	ND	432	108	400	7.69	

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	01/16/2023	ND	206	103	200	0.815	
DRO >C10-C28*	22.0	10.0	01/16/2023	ND	192	95.8	200	1.43	
EXT DRO >C28-C36	10.8	10.0	01/16/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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".

Celey D. Keene, Lab Director/Quality Manager

Page #1 of #9





101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Comm Engineering</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
Project Manager: <u>Same</u>				P.O. #:				<u>TPH, CH, BTEX, Benz</u>											
Address:				Company: <u>Same</u>															
City: State: Zip:				Attn:															
Phone #: Fax #:				Address:															
Project #: Project Owner:				City:															
Project Name:				State: Zip:															
Project Location:				Phone #:															
Sampler Name:				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING							
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :					
				ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME							
<u>H230184</u>		<u>GC-4-200</u>		-		-						<u>12-23</u>		<u>300</u>					
<u>11</u>		<u>GC-5-200</u>		-		-													
<u>12</u>		<u>GC-6-200</u>		-		-													
<u>13</u>		<u>GC-7-200</u>		-		-													
<u>14</u>		<u>GC-8-200</u>		-		-													
<u>15</u>		<u>GC-9-200</u>		-		-													
<u>16</u>		<u>GC-10-200</u>		-		-													
<u>17</u>		<u>GC-11-200</u>		-		-													
<u>18</u>		<u>GC-12-200</u>		-		-													
<u>19</u>		<u>GC-13-200</u>		-		-													
<u>20</u>																			

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Relinquished By: <u>K. Robinson</u>		Date: <u>12-23</u>		Received By: <u>Shodriguez</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <u>0750</u>		Time: <u>0750</u>		Received By:		All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:							
Delivered By: (Circle One)		Observed Temp. °C <u>2.1c</u>		Sample Condition		Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>1.5c</u>		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Bacteria (only) Sample Condition	
				CHECKED BY: (Initials) <u>SR</u>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	
						Observed Temp. °C	
						Thermometer ID #113	
						Correction Factor -0.6°C	
						Corrected Temp. °C	

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Released to Imaging: 9/19/2023 1:59:43 PM





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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: <i>K. Robinson</i>		Date: <i>1-13-23</i>	Received By: <i>S. Rodriguez</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Time: <i>0750</i>	Received By:		All Results are emailed. Please provide Email address:	
Relinquished By:		Date:	Received By:		REMARKS:	
Relinquished By:		Time:	Received By:		REMARKS:	
Delivered By: (Circle One)	Observed Temp. °C <i>2.1c</i>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>SR</i>	Turnaround Time:	Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition Rush <input type="checkbox"/> Cool Intact Observed Temp. °C	
Sampler - UPS - Bus - Other:	Corrected Temp. °C <i>1.5c</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113 Correction Factor -0.6°C	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>COMM ENGINEERING</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
Project Manager:				P.O. #:				<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> <b>IPH CH BTEX BENZ</b> </div>											
Address:				Company: <b>same</b>															
City: State: Zip:				Attn:															
Phone #: Fax #:				Address:															
Project #: Project Owner:				City:															
Project Name:				State: Zip:															
Project Location:				Phone #:															
Sampler Name:				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING		DATE		TIME			
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL					OTHER	
41	GC-2-250																		
42	GC-3-250																		
43	GC-4-250																		
44	GC-5-250																		
45	GC-6-250																		
46	GC-7-250																		
47	GC-8-250																		
48	GC-9-250																		
49	GC-10-250																		
50	GC-11-250																		

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Relinquished By:		Date: <b>1-12-23</b>	Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
<b>K. Robinson</b>		Time: <b>0750</b>	<b>Spookigney</b>		All Results are emailed. Please provide Email address:	
Relinquished By:		Date:	Received By:		REMARKS:	
Time:						
Delivered By: (Circle One)		Observed Temp. °C	Sample Condition		Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
			CHECKED BY: (Initials) <b>SR</b>		Thermometer ID #113 Correction Factor -0.6°C	
					Corrected Temp. °C	

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>COMM ENGINEERING</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>															
Project Manager:				P.O. #:				<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> TPH, CH, BTEX, Benz </div>															
Address:				Company: <u>SAME</u>																			
City:		State:		Zip:		Attn:																	
Phone #:		Fax #:		Address:																			
Project #:		Project Owner:		City:																			
Project Name:				State:																Zip:			
Project Location:				Phone #:																			
Sampler Name:				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING											
								GROUNDWATER		ACID/BASE:		DATE		TIME									
								WASTEWATER		ICE / COOL													
								SOIL		OTHER :													
								OIL															
								SLUDGE															
H230184		GC-12 - 250		-		-						1-12-23		3000									
51		GC-13 - 250		-		-																	
52		GC-14 - 250		-		-																	
53		GC-15 - 250		-		-																	
54		GC-16 - 250		-		-																	
55		GC-1 - 275		-		-																	
56		GC-2 - 275		-		-																	
57		GC-3 - 275		-		-																	
58		GC-4 - 275		-		-																	
59		GC-5 - 275		-		-																	
100																							

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Relinquished By:		Date: <u>1-13-23</u>		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
<u>K. Robinson</u>		Time: <u>0750</u>		<u>S. Rodriguez</u>		All Results are emailed. Please provide Email address:			
Relinquished By:		Date:		Received By:		REMARKS:			
		Time:							
Delivered By: (Circle One)		Observed Temp. °C <u>21.2</u>		Sample Condition		Turnaround Time: <u>Standard</u>		Bacteria (only) Sample Condition	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>1.52</u>		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Rush <input type="checkbox"/>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
				CHECKED BY: (Initials) <u>SR</u>		Thermometer ID #113 Correction Factor -0.6°C		Observed Temp. °C Corrected Temp. °C	

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: <b>Comm Engineering</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>															
Project Manager:				P.O. #:				<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> TPH, CH BTEX BAZ </div>															
Address:				Company: <b>SAME</b>																			
City:		State:		Zip:		Attn:																	
Phone #:		Fax #:		Address:		City:																	
Project #:		Project Owner:		State:		Zip:																	
Project Name:				Phone #:		Fax #:																	
Project Location:																							
Sampler Name:																							
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING													
						GROUNDWATER																	
						WASTEWATER																	
						SOIL																	
						OIL																	
						SLUDGE																	
						OTHER:																	
						ACID/BASE:																	
						ICE / COOL																	
						OTHER:																	
						DATE		TIME															
H2301816		GC-6-275		1						1-12-23		3:00p											
61		GC-7-275		1																			
62		GC-8-275		1																			
63		GC-9-275		1																			
64		GC-10-275		1																			
65		GC-11-275		1																			
66		GC-12-275		1																			
67		GC-13-275		1																			
68		GC-14-275		1																			
69		GC-15-275		1																			
70																							

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Relinquished By: <b>K. Robinson</b>		Date: <b>1-13-23</b>		Received By: <b>Shodriguez</b>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <b>0750</b>		Time:		Received By:		All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:		Time:		Time:		Time:	
Delivered By: (Circle One)		Observed Temp. °C <b>2.1c</b>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <b>SK</b> (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <b>1.5c</b>		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
						<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	
						Thermometer ID #113 Correction Factor -0.6°C	

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Laboratories

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: <i>K Robinson</i>		Date: <i>11-3-23</i>	Received By: <i>Silodeigueny</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:		Date:	Received By:	REMARKS:
		Time:		
Delivered By: (Circle One)	Observed Temp. °C <i>2.1°C</i>	Sample Condition Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) <i>SR</i>	Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C Thermometer ID #113 Correction Factor -0.6°C
Sampler - UPS - Bus - Other:	Corrected Temp. °C <i>1.5°C</i>			Corrected Temp. °C

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: <u>Comm Engineering</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																
Project Manager:				P.O. #:				<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> TPH, CH, BTEX, BENZ </div>																
Address:				Company: <u>SHANE</u>																				
City: State: Zip:				Attn:																				
Phone #: Fax #:				Address:																				
Project #: Project Owner:				City:																				
Project Name:				State: Zip:																				
Project Location:				Phone #:																				
Sampler Name:				Fax #:																				
FOR LAB USE ONLY																								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING														
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
#12301816																								
81	GC-10-300												1-12-23	300:00										
82	GC-11-300																							
83	GC-12-300																							
84	GC-13-300																							
85	GC-14-300																							
86	GC-15-300																							
87	GC-16-300																							

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Relinquished By: <u>K Robinson</u>	Date: <u>1-13-23</u>	Received By: <u>S Rodriguez</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	
Time: <u>0750</u>			All Results are emailed. Please provide Email address:		
Relinquished By:	Date:	Received By:	REMARKS:		
Time:					
Delivered By: (Circle One)	Observed Temp. °C: <u>2.1</u>	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>	CHECKED BY: (Initials) <u>SR</u>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C: <u>1.5</u>	Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Thermometer ID #113	Cool <input type="checkbox"/> Intact <input type="checkbox"/>
		No <input type="checkbox"/> Yes <input type="checkbox"/>		Correction Factor -0.6°C	No <input type="checkbox"/> Yes <input type="checkbox"/>
		No <input type="checkbox"/> No <input type="checkbox"/>			No <input type="checkbox"/> No <input type="checkbox"/>

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Page # 9 & # 9



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

---

June 13, 2023

KEVIN ROBINSON

COMM ENGINEERING

1319 W. PINHOOK, SUITE 400

LAFAYETTE, LA 70503

RE: STATE GC

Enclosed are the results of analyses for samples received by the laboratory on 06/08/23 11:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 1 - 100 (H232937-01)**

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	06/09/2023	ND	2.12	106	2.00	8.86	
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1170	16.0	06/09/2023	ND	416	104	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	06/09/2023	ND	209	105	200	2.55	
DRO >C10-C28*	1110	10.0	06/09/2023	ND	194	96.9	200	3.56	
EXT DRO >C28-C36	333	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 5 - 125 (H232937-02)**

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	06/09/2023	ND	2.12	106	2.00	8.86	
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	06/09/2023	ND	416	104	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	06/09/2023	ND	209	105	200	2.55	
DRO >C10-C28*	132	10.0	06/09/2023	ND	194	96.9	200	3.56	
EXT DRO >C28-C36	58.1	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 6 - 100 (H232937-03)**

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	06/09/2023	ND	2.12	106	2.00	8.86	
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17	
Total BTEx	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	06/09/2023	ND	416	104	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	06/09/2023	ND	209	105	200	2.55	
DRO >C10-C28*	77.9	10.0	06/09/2023	ND	194	96.9	200	3.56	
EXT DRO >C28-C36	21.1	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 6 - 125 (H232937-04)**

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	06/09/2023	ND	2.12	106	2.00	8.86		
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13		
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24		
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17		
Total BTEx	<0.300	0.300	06/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	209	105	200	2.55	
DRO >C10-C28*	120	10.0	06/09/2023	ND	194	96.9	200	3.56	
EXT DRO >C28-C36	38.5	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 6 - 150 (H232937-05)**

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	06/09/2023	ND	2.12	106	2.00	8.86	
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17	
Total BTEx	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	209	105	200	2.55	
DRO >C10-C28*	67.1	10.0	06/09/2023	ND	194	96.9	200	3.56	
EXT DRO >C28-C36	15.0	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 7 - 125 (H232937-06)**

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	06/09/2023	ND	2.12	106	2.00	8.86		
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13		
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24		
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17		
Total BTEX	<0.300	0.300	06/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	209	105	200	2.55	
DRO >C10-C28*	677	10.0	06/09/2023	ND	194	96.9	200	3.56	
EXT DRO >C28-C36	206	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 8 - 25 (H232937-07)**

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	06/09/2023	ND	2.12	106	2.00	8.86	
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17	
Total BTEx	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	06/09/2023	ND	432	108	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	06/08/2023	ND	209	105	200	5.20	
DRO >C10-C28*	36.6	10.0	06/08/2023	ND	194	96.8	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 8 - 100 (H232937-08)**

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	06/09/2023	ND	2.12	106	2.00	8.86	
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	195	97.7	200	1.31	
DRO >C10-C28*	370	10.0	06/09/2023	ND	181	90.7	200	0.611	
EXT DRO >C28-C36	82.2	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 9 - 25 (H232937-09)**

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	06/09/2023	ND	2.12	106	2.00	8.86	
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	195	97.7	200	1.31	
DRO >C10-C28*	67.2	10.0	06/09/2023	ND	181	90.7	200	0.611	
EXT DRO >C28-C36	30.2	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 9 - 100 (H232937-10)**

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	06/09/2023	ND	2.12	106	2.00	8.86		
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13		
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24		
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17		
Total BTEx	<0.300	0.300	06/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	195	97.7	200	1.31	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	181	90.7	200	0.611	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 9 - 125 (H232937-11)**

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	06/09/2023	ND	2.12	106	2.00	8.86		
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13		
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24		
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17		
Total BTEx	<0.300	0.300	06/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	195	97.7	200	1.31	
DRO >C10-C28*	<10.0	10.0	06/09/2023	ND	181	90.7	200	0.611	
EXT DRO >C28-C36	<10.0	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 10 - 50 (H232937-12)**

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	06/09/2023	ND	2.12	106	2.00	8.86		
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13		
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24		
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17		
Total BTEx	<0.300	0.300	06/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1230	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	195	97.7	200	1.31	
DRO >C10-C28*	186	10.0	06/09/2023	ND	181	90.7	200	0.611	
EXT DRO >C28-C36	34.2	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 10 - 75 (H232937-13)**

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	06/09/2023	ND	2.12	106	2.00	8.86	
Toluene*	<0.050	0.050	06/09/2023	ND	2.12	106	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	2.24	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.30	105	6.00	2.17	
Total BTEx	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	195	97.7	200	1.31	
DRO >C10-C28*	105	10.0	06/09/2023	ND	181	90.7	200	0.611	
EXT DRO >C28-C36	20.7	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 10 - 125 (H232937-14)**

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	06/09/2023	ND	2.33	116	2.00	4.42	
Toluene*	<0.050	0.050	06/09/2023	ND	2.30	115	2.00	4.65	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.27	113	2.00	4.61	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.90	115	6.00	4.32	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	195	97.7	200	1.31	
DRO >C10-C28*	52.5	10.0	06/09/2023	ND	181	90.7	200	0.611	
EXT DRO >C28-C36	15.0	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 3 - 225 (H232937-15)**

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	06/09/2023	ND	2.33	116	2.00	4.42		
Toluene*	<0.050	0.050	06/09/2023	ND	2.30	115	2.00	4.65		
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.27	113	2.00	4.61		
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.90	115	6.00	4.32		
Total BTEx	<0.300	0.300	06/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1340	16.0	06/09/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	195	97.7	200	1.31	
DRO >C10-C28*	1120	10.0	06/09/2023	ND	181	90.7	200	0.611	
EXT DRO >C28-C36	250	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 49.1-148

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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 4 - 225 (H232937-16)**

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	06/09/2023	ND	2.33	116	2.00	4.42		
Toluene*	<0.050	0.050	06/09/2023	ND	2.30	115	2.00	4.65		
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.27	113	2.00	4.61		
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.90	115	6.00	4.32		
Total BTEx	<0.300	0.300	06/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1230	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	195	97.7	200	1.31	
DRO >C10-C28*	1090	10.0	06/09/2023	ND	181	90.7	200	0.611	
EXT DRO >C28-C36	290	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 9 - 250 (H232937-17)**

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	06/09/2023	ND	2.33	116	2.00	4.42	
Toluene*	<0.050	0.050	06/09/2023	ND	2.30	115	2.00	4.65	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.27	113	2.00	4.61	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.90	115	6.00	4.32	
Total BTEx	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1010	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	195	97.7	200	1.31	
DRO >C10-C28*	86.0	10.0	06/09/2023	ND	181	90.7	200	0.611	
EXT DRO >C28-C36	83.5	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

COMM ENGINEERING  
 KEVIN ROBINSON  
 1319 W. PINHOOK, SUITE 400  
 LAFAYETTE LA, 70503  
 Fax To:

Received: 06/08/2023  
 Reported: 06/13/2023  
 Project Name: STATE GC  
 Project Number: NONE GIVEN  
 Project Location: EXTEX OP. - NEW MEXICO

Sampling Date: 06/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: STATE GC - 10 - 250 (H232937-18)**

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	06/09/2023	ND	2.33	116	2.00	4.42	
Toluene*	<0.050	0.050	06/09/2023	ND	2.30	115	2.00	4.65	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.27	113	2.00	4.61	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.90	115	6.00	4.32	
Total BTEx	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	06/09/2023	ND	432	108	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	06/09/2023	ND	195	97.7	200	1.31	
DRO >C10-C28*	462	10.0	06/09/2023	ND	181	90.7	200	0.611	
EXT DRO >C28-C36	126	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

---

Cardinal Laboratories

\*=Accredited Analyte

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

---

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: COMM Engineering						<b>BILL TO</b>							<b>ANALYSIS REQUEST</b>												
Project Manager: K. Robinson						P.O. #:																			
Address: 1319 W. Pinhook						Company: SAME																			
City: Lafayette State LA Zip: 70503						Attn:																			
Phone #: 405-820-2069 Fax #:						Address:																			
Project #: 220468 Project Owner: Exter op						City:																			
Project Name: STATE GC						State: Zip:																			
Project Location: EUNICE, NM.						Phone #:																			
Sampler Name: K. Robinson						Fax #:																			
FOR LAB USE ONLY		(G/RAB OR C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING		DATE	TIME												
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL												OTHER :		
HQ32937	state GC-1-100	-	-		X							6-8-23	SODA	X											
1	state GC-5-125	-	-		X								SODI	X											
2	site GC-6-100	-	-		X								SODI	X											
3	state GC-6-125	-	-		X								SODI	X											
4	state GC-6-150	-	-		X								SODI	X											
5	state GC-7-125	-	-		X								SODI	X											
6	state GC-8-25	-	-		X								GUSA	X											
7	state GC-8-100	-	-		X								GUSA	X											
8	state GC-9-25	-	-		X								GUSA	X											
9	state GC-9-100	-	-		X								GUSN	X											
TPH, CHLORIDE, BTEX, BENZ																									

**PLEASE NOTE:** Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>K. Robinson</i>		Date: <i>6-8-23</i>		Received By: <i>S. Rodriquez</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	
Relinquished By:		Date: <i>1/120</i>		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C <i>5.3</i>		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials) <i>SR</i>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <i>4.7</i>		Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/> Thermometer ID #113 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: COMM Engineering				BILL TO				ANALYSIS REQUEST											
Project Manager:				P.O. #:				TPH, CITRAIDE, BTEX, BENZ											
Address:				Company:															
City:				Attn:															
Phone #:				Address:															
Project #:				City:															
Project Owner:				State:															
Project Name:				Zip:															
Project Location:				Phone #:															
Sampler Name:				Fax #:															
FOR LAB USE ONLY				MATRIX				PRESERV.				SAMPLING							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME					
#1232937																			
11	State GC-9-125					X							6-8-23	9:00 A					
12	State GC-10-50					X													
13	State GC-10-75					X													
14	State GC-10-125					X													
15	State GC-3-225					X													
16	State GC-4-225					X													
17	State GC-9-250					X													
18	State GC-10-250					X													

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Relinquished By: <i>K. Robinson</i>		Date: <i>5-8-23</i>	Received By: <i>S. Rodriguez</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:		Time: <i>11:20</i>	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One)		Date:	REMARKS:	
Sampler - UPS - Bus - Other:		Time:		
Observed Temp. °C <i>5.3</i>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	CHECKED BY: (Initials) <i>SR</i>	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Corrected Temp. °C <i>4.7</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Thermometer ID #113 Correction Factor -0.6°C	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrected Temp. °C





2904 W 2nd St.  
Roswell, NM 88201  
voice: 575.624.2420  
fax: 575.624.2421  
www.atkinseng.com

September 21, 2022

DII-NMOSE  
1900 W 2<sup>nd</sup> Street  
Roswell, NM 88201

*Hand Delivered to the DII Office of the State Engineer*

Re: Well Record CP-1917 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, CP-1917 Pod-1.

If you have any questions, please contact me at 575.499.9244 or [lucas@atkinseng.com](mailto:lucas@atkinseng.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton".

Lucas Middleton

Enclosures: as noted above

OSE DII SEP 21 2022 PM 1:11



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-1		WELL TAG ID NO. n/a		OSE FILE NO(S). CP-1917			
	WELL OWNER NAME(S) Extex Operating Company				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 5065 Westheimer Road, Suite 625				CITY Houston	STATE TX	ZIP 77056	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 24	SECONDS 40.98	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	24	32.32	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE NE NW Sec. 07 T22S R35E, NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 9/6/2022	DRILLING ENDED 9/6/2022	DEPTH OF COMPLETED WELL (FT) 55	BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) n/a			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a		DATE STATIC MEASURED 9/13/2022	
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0 55		6.5"	Soil Boring	-	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		

FOR OSE INTERNAL USE


WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

USE ON SEP 21 2022 PM 1:11

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	19	19	Sand, medium/ fine grained, poorly graded, unconsolidated, Brown	Y    ✓ N	
	19	24	5	Sand, medium/ fine grained, poorly graded, with caliche, Brown/Tan	Y    ✓ N	
	24	55	31	Sand, medium/ fine grained, poorly graded, unconsolidated, Brown	Y    ✓ N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):            0.00	

5. TEST, RIG SUPERVISION	WELL TEST		TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
MISCELLANEOUS INFORMATION:			Removed temporary PVC casing material. Backfilled to 10 feet below ground surface, then landed hydrated bentonite from 10 feet to land surface.
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt			

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	Jackie D. Atkins	9/19/2022
SIGNATURE OF DRILLER / PRINT SIGNEE NAME		DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.		PAGE 2 OF 2





# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-1917 POD-1  
 Well owner: Extex Operating Company Phone No.: \_\_\_\_\_  
 Mailing address: 5065 Westheimer Road, Suite 625  
 City: Houston State: Texas Zip code: 77056

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):  
Shane Eldridge
- 4) Date well plugging began: 9/13/2022 Date well plugging concluded: 9/13/2022
- 5) GPS Well Location: Latitude: 32 deg, 24 min, 40.98 sec  
 Longitude: 103 deg, 24 min, 32.32 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),  
 by the following manner: weighted tape
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 8/25/2022
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe  
 differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DIT SEP 21 2022 PM 1:11

- For each interval plugged, describe within the following columns:**

Released to Imaging: 9/19/2023 1:59:43 PM






# WR-20 Well Record and Log\_forsign

Final Audit Report

2022-09-19

Created:	2022-09-19
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAA36_-r3HngPAFabWGChHZZbxRHSwiBM4

## "WR-20 Well Record and Log\_forsign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)  
2022-09-19 - 4:08:37 PM GMT- IP address: 64.17.71.25
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature  
2022-09-19 - 4:11:53 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)  
2022-09-19 - 4:12:54 PM GMT- IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)  
Signature Date: 2022-09-19 - 4:13:21 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.  
2022-09-19 - 4:13:21 PM GMT

05E DII SEP 21 2022 PM1:11



Adobe Acrobat Sign

**From:** [Nobui, Jennifer, EMNRD](#)  
**To:** [Ethan McMahon](#)  
**Cc:** [Bratcher, Michael, EMNRD](#); [Hamlet, Robert, EMNRD](#); [Harimon, Jocelyn, EMNRD](#)  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802  
**Date:** Tuesday, December 13, 2022 12:20:55 PM  
**Attachments:** [image001.png](#)

---

Hello Ethan

OCD approves your request for an extension to March 13, 2023 to submit closure reports for both incidents (Incident #'s nAPP2216931454 & nAPP2223659355).

However, sidewall samples not to exceed 400 ft<sup>2</sup> and bottom samples not to exceed 500 ft<sup>2</sup> is the most we can approve.

Please include a copy of this and all notifications in the closure reports to ensure the notifications are documented in the project file. Let me know if you have any questions.

Thanks,  
Jennifer Nobui

---

**From:** Ethan McMahon <ermcmahon@commengineering.com>  
**Sent:** Tuesday, December 13, 2022 9:08 AM  
**To:** Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>  
**Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

Jennifer,

Per our discussion, we sampled some concerned areas when attending Mr. Blevins's walkthrough of the State GC #2 facility. A few places were discovered to be above the required thresholds, thus requiring further remediation. These areas were believed to be either historical or related to the two previous document releases (Incident #'s nAPP2216931454 & nAPP2223659355).

We plan to remediate all pad areas under these incidents to the approved thresholds of 10,000 mg/kg for chlorides and 2,500 mg/kg for TPH using our previous well record, CP-1918-Pod-1 from Atkins Engineering Associates, Inc. All sidewalls and offpad activities will be remediated to 600 mg/kg for chlorides and 100 mg/kg for TPH.

With this new action plan, we would like to request updated variances to allow for proper remediation and sampling efforts:

1. Further deadline extension of up to three months.
2. Increase allowance for sampling distance. As previously approved, sidewall samples should not exceed 400 ft<sup>2</sup>, and composite samples should not exceed 500 ft<sup>2</sup>. The anticipated total remediation area is large. Are we allowed any greater distance for on-pad sampling requirements?

Thanks,

**Ethan McMahon | Environmental Engineer**

COMM Engineering

1319 W. Pinhook Road, Ste 401 | Lafayette, LA 70503

Office: 337.237.4373 ext 101

Cell: 318.347.0463



---

**From:** Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>

**Sent:** Thursday, November 3, 2022 3:38 PM

**To:** Ethan McMahon <[ermcmahon@commengineering.com](mailto:ermcmahon@commengineering.com)>

**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>; Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>; Harimon, Jocelyn, EMNRD <[Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)>

**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

Hello Ethan

Your request for an extension has been approved to January 14, 2023 to submit a revised Closure Report to the OCD portal. Your request for a variance to sample sidewall samples not to exceed 400ft2 has been approved. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks

Jennifer Nobui

---

**From:** Ethan McMahon <[ermcmahon@commengineering.com](mailto:ermcmahon@commengineering.com)>

**Sent:** Thursday, November 3, 2022 1:54 PM

**To:** Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>

**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>

**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

Jennifer,

This email is to notify you that we are working on updating the closer report and requesting a deadline extension and a variance for sidewall samples of 400 square feet.

The area does not threaten human health, surface environment, or the groundwater table.

Thanks,

**Ethan McMahon | Environmental Engineer**

COMM Engineering

1319 W. Pinhook Road, Ste 401 | Lafayette, LA 70503

Office: 337.237.4373 ext 101

Cell: 318.347.0463



---

**From:** Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>  
**Sent:** Wednesday, November 2, 2022 3:04 PM  
**To:** Ethan McMahon <[ermcmahon@commengineering.com](mailto:ermcmahon@commengineering.com)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

Yes send us the invite.

Thanks,

Jennifer Nobui

---

**From:** Ethan McMahon <[ermcmahon@commengineering.com](mailto:ermcmahon@commengineering.com)>  
**Sent:** Wednesday, November 2, 2022 12:19 PM  
**To:** Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

Could we do it a bit earlier, around 1 pm MST? Robert has a conflicting meeting at 3 pm MST.

---

**From:** Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>  
**Sent:** Wednesday, November 2, 2022 11:07 AM  
**To:** Ethan McMahon <[ermcmahon@commengineering.com](mailto:ermcmahon@commengineering.com)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

Hello Ethan

How does Thursday – Nov 3 at 3pm MST sound? If this works for you, please send us an e invite to populate our calendars.

Thanks



Jennifer Nobui

---

**From:** Ethan McMahon <[ermcmahon@commengineering.com](mailto:ermcmahon@commengineering.com)>  
**Sent:** Wednesday, November 2, 2022 7:15 AM  
**To:** Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

Good morning Jennifer,

Please let me know when Mike is available, and we can work on rescheduling the call. We are available Thursday afternoon and Friday morning; or sometime next week.

Thanks,

**Ethan McMahon | Environmental Engineer**

COMM Engineering  
1319 W. Pinhook Road, Ste 401 | Lafayette, LA 70503  
Office: 337.237.4373 ext 101  
Cell: 318.347.0463



---

**From:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Sent:** Tuesday, November 1, 2022 9:09 AM  
**To:** Ethan McMahon <[ermcmahon@commengineering.com](mailto:ermcmahon@commengineering.com)>; Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>  
**Cc:** Robert Eckols <[reckols@extex.net](mailto:reckols@extex.net)>  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

Ethan,

We will need to reschedule this meeting for later in the week due to a family emergency. Let's touch base later today or in the morning to work out an alternative date & time.

Sorry for any inconvenience.

**Mike Bratcher • Incident Supervisor**

Environmental Bureau  
EMNRD - Oil Conservation Division  
506 W. Texas Ave | Artesia, NM 88210  
(575) 626-0857 | [mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov) *NOTE NEW EMAIL ADDRESS*  
<http://www.emnrd.state.nm.us/OCD/>



---

**From:** Ethan McMahon <[ermcmahon@commengineering.com](mailto:ermcmahon@commengineering.com)>  
**Sent:** Monday, October 24, 2022 2:22 PM  
**To:** Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>  
**Cc:** Robert Eckols <[reckols@extex.net](mailto:reckols@extex.net)>; Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

That'll work for us. Can we try to schedule a call for Tuesday (11/1) at 2:30 PM CDT?

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**From:** Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>  
**Sent:** Monday, October 24, 2022 2:05 PM  
**To:** Ethan McMahon <[ermcmahon@commengineering.com](mailto:ermcmahon@commengineering.com)>  
**Cc:** Robert Eckols <[reckols@extex.net](mailto:reckols@extex.net)>; Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Subject:** RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

Hello Ethan

OCD would like to hold this meeting with you and Extex after your meeting with the surface owner, so maybe early next week? Let me know what your availability is for then.

Thanks  
Jennifer Nobui

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**From:** Ethan McMahon <[ermcmahon@commengineering.com](mailto:ermcmahon@commengineering.com)>  
**Sent:** Monday, October 24, 2022 9:48 AM  
**To:** Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>  
**Cc:** Robert Eckols <[reckols@extex.net](mailto:reckols@extex.net)>  
**Subject:** [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Jennifer,

We are available for a call tomorrow (10/25) at 10:00 AM CDT. Does that work for your schedule?

Thanks,

**Ethan McMahon | Environmental Engineer**

COMM Engineering

1319 W. Pinhook Road, Ste 401 | Lafayette, LA 70503

Office: 337.237.4373 ext 101

Cell: 318.347.0463



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**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>

**Sent:** Wednesday, October 12, 2022 5:00 PM

**To:** Robert Eckols <[reckols@extex.net](mailto:reckols@extex.net)>

**Subject:** The Oil Conservation Division (OCD) has rejected the application, Application ID: 148802

To whom it may concern (c/o Robert Eckols for Extex Operating Company),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2216931454, for the following reasons:

- **Closure Report Denied. Please include a site plan showing extent of excavation and confirmation soil sample locations. Please include the depth the confirmation soil samples were collected at in the data table. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Sidewall samples should represent no more than 200 ft<sup>2</sup>. Please include a signed and dated closure C141 form for processing. Please resubmit a revised Closure Report by November 14, 2022.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 148802.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,

Jennifer Nobui

Environmental Specialist-Advanced

505-470-3407

[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)

**New Mexico Energy, Minerals and Natural Resources Department**

1220 South St. Francis Drive

Santa Fe, NM 87505

**From:** [Nobui, Jennifer, EMNRD](#)  
**To:** [Ethan McMahon](#)  
**Cc:** [Bratcher, Michael, EMNRD](#); [Harimon, Jocelyn, EMNRD](#); [Hamlet, Robert, EMNRD](#)  
**Subject:** RE: [EXTERNAL] FW: The Oil Conservation Division (OCD) has rejected the application, Application ID: 196163  
**Date:** Thursday, March 23, 2023 3:52:05 PM  
**Attachments:** [image001.png](#)

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Hi Ethan

OCD approves your request for a 90-day extension to June 23, 2023 to submit a final closure report. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,  
Jennifer Nobui

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**From:** Ethan McMahon <ermcmahon@commengineering.com>  
**Sent:** Thursday, March 23, 2023 12:19 PM  
**To:** Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>  
**Subject:** [EXTERNAL] FW: The Oil Conservation Division (OCD) has rejected the application, Application ID: 196163

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hey Jennifer,

We will remediate and sample the area with TPH (GRO+DRO) values exceeding 1,000 mg/kg. We are also requesting a deadline extension. The site does not threaten human health, the surface environment, or the groundwater table.

Thanks,

**Ethan McMahon | Environmental Engineer**

COMM Engineering  
1319 W. Pinhook Road, Ste 401 | Lafayette, LA 70503  
Office: 337.237.4373 ext 101  
Cell: 318.347.0463



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**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>  
**Sent:** Thursday, March 23, 2023 10:25 AM  
**To:** Ethan McMahon <[ermcmahon@commengineering.com](mailto:ermcmahon@commengineering.com)>  
**Subject:** The Oil Conservation Division (OCD) has rejected the application, Application ID: 196163

To whom it may concern (c/o Ethan McMahon for Extex Operating Company),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2216931454, for the following reasons:

- **Closure Report Denied. Please address sample locations where TPH (GRO+DRO) values exceed 1,000 mg/kg. Please resubmit a revised closure report by April 24, 2023**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 196163.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,  
Jennifer Nobui  
Environmental Specialist-Advanced  
505-470-3407  
[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505



Manifest #

**Lazy Ace Landfarm****Lease Operator Information:**

Name: EXTREX operating  
Address: 90 COMM ENGINEERING  
Phone #: \_\_\_\_\_

Originating Location of waste material:

Lease Name: STATE GC  
Sec. \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_

**Transporter Information:**

Name: Comm Engineering  
Address: 1319 W. Pinhook, Ste 400  
Phone #: Lafayette, LA 70503  
Driver Signature: \_\_\_\_\_  
Date: 9-13-2022

Phone: 337-237-4373

**Non-Hazardous Hydro-Carbons:**Total Yards: 240

Waste material placed in cell number: \_\_\_\_\_

Lazy Ace Landfarm, LLLP  
P.O. Box 130  
Eunice, NM 88231

Permit # NM 01-0041  
W1/2SW1/4 S22T20SR34E

**Contacts:**

Danny Berry  
(575) 393-6964 - Home  
(575) 369-5266 - Cell

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations, exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations: and not mixed with non-exempt waste."

Facility Representative: \_\_\_\_\_ Date: \_\_\_\_\_

White - Original

Canary - Invoice

**Pink - Trucker**



**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 231500

CONDITIONS

Operator: Extex Operating Company 1616 S. Voss Road Houston, TX 77057	OGRID: 330423
	Action Number: 231500
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or drilling operations.	9/19/2023