

Form C-141  
Page 6

State of New Mexico  
Oil Conservation Division

Incident ID	NAPP2113945264
District RP	
Facility ID	
Application ID	

### Closure

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

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

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

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

Printed Name: Don Dunbar Title: Manager - En-closure  
 Signature:  Date: 06-13-2022  
 email: don.dunbar@en-closure.com Telephone: 713-504-2873

**OCD Only**

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

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

Closure Approved by:  Date: 07/12/2022  
 Printed Name: Jennifer Nobui Title: Environmental Specialist A



Ms. Jennifer Nobui  
New Mexico Energy, Minerals and Natural Resource  
Department 1220 South St. Francis Drive  
Santa Fe, NM 87505

Re: Variance Request for Closure – OCD Incident # nAPP2113945264  
XTO PLU 28 Big Sinks 124H Site Assessment and Remediation Closure Report  
Loving, NM

Ms. Nobui

Please find attached the revised report on site assessment and remediation activities addressing the produced water released during a fire at the above referenced well site.

XTO and NexTier are requesting a variance to the sampling grid spacing used in the assessment and remediation activities. The grid spacing used by en-closure, LLC (en-closure) during the event was larger than the New Mexico OCD recommends, however, based on the nature of the release (produced brine water), the limited volume and extent (confined to the well pad) and the depth to groundwater exceeding 100 feet bgs, the constituent of concern was limited to total TPH exceeding 1000 mg/kg. The grid spacing was designed to be geographically representative of the visible impacted area and the areas also likely to have been impacted (the area below the on-pad containment and the area topographically down slope of the visible impact and containment). This initial grid allowed en-closure to initially install and collect samples from 29 sampling points. The OCD recommended sampling frequency would have included 75 sampling points in the initial investigation.

For vertical delineation, soil samples were collected from three intervals within each boring. Sample results showed that vertical impact was confined to the near surface soils at 0- 0.5 feet bgs. Additional horizontal delineation was required in two areas with an additional seven sampling points. The additional assessment was able to be completed shortly after the initial mobilization.

This approach provided a very good first approximation of the vertical and horizontal extent of impact which was collected in a rapid and cost-effective manner, minimizing the number of mobilizations required to complete the assessment and begin the focused excavation. A few of initial confirmation samples collected after removal of affected soils showed some impact, the elevated soil concentrations appeared to be limited in vertical extent and were addressed with additional excavation which removed the remaining impact. Doubling the number of sampling points from the 37 installed by en-closure to the recommended 75 points with the smaller OCD grid spacing would have required more field and laboratory resources and while providing more data would not have significantly changed the area of excavation. Our final confirmation samples showed that the TPH exceedances and elevated chlorides from the release have been reduced to concentrations below OCD action levels.

The result of this assessment and remediation was the successful mitigation of the gross impact of the near surface soils in a timely and cost-effective manner. We respectfully request a closure by allowing a variance in the OCD recommended sampling grid.

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3990 Rogerdale  
Houston, TX 77042

713-325-6000

NexTierOFS.com

If you have any questions, please feel free to contact the undersigned at [les.teague@nextierOFS.com](mailto:les.teague@nextierOFS.com) or by phone at 713-325-6266.

Sincerely

A handwritten signature in black ink, appearing to read "Les Teague". The signature is stylized with a large initial "L" and a circular flourish at the end.

Les Teague, CSHO  
Manager, HSE

3990 Rogerdale  
Houston, TX 77042

713-325-6000

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## en-closure

March 29, 2022

Mr. Les Teague  
NexTier Completion Solutions, Inc.  
3990 Rogerdale  
Houston, TX 77042

Re: XTO PLU 28 Big Sinks 124H Site Assessment and Remediation Closure Report  
Loving, NM

Dear Mr. Teague:

En-closure, LLC (en-closure) has completed the soil remediation phase for NexTier Completions Solutions, Inc. (NexTier) to address the release that occurred at XTO's Poker Lake Unit (PLU) Big Sinks 124H wellsite on May 9, 2021. We recommend submitting this report and requesting a variance-based closure. The closure request will need a variance to the sampling spacing requirements used in the assessment.

Based on stakeholder discussions, it was determined that en-closure was to develop and implement an assessment plan that would cover the area potentially impacted by the spill so that the impact could be delineated and addressed while not interfering with the continued development of the well pad.

The sampling plan included the collection of sufficient samples to complete both a horizontal and vertical delineation of the extent of impact so that the remediation efforts could be completed with a single mobilization. The plan implemented included a sampling grid that contained a grid spacing that was larger than normally used; however, the grid was designed to cover the operational area which included the visible extent of impact, the equipment containment area, and the topographic slope of the pad.

The field assessment deviated from the OCD sampling recommend sampling withing 200 sq ft grids. Using the OCD sampling grid spacing over the area of investigation would have required 75 samples per depth interval (a total of 225 initial samples).

With the depth to groundwater determined to be greater than 100 feet bgs and the apparent limit of the impact confined to the pad, it was the opinion of the stakeholders that a larger sampling grid would be geographically representative of the known and the potentially impacted areas and sufficient to determine the gross extent of impact. Additional sampling would be performed (e.g. west of SB-8 and in the area of SS-1) where needed to define horizontal and vertical extents. The larger gridding reduced the total number of sample locations from 75 to 37. Post excavation confirmation samples were collected along the borders of the assessment area. Where confirmation samples showed exceedances, additional soil was removed to assure that the exceedances had been mitigated.

The assessment showed that the impact was limited to the near surface soils. With the removal of the impacted near surface soils through the area of investigation and additional focused excavation where confirmation sample exceedances where detected, the constituents of concern have been reduced to levels sufficient for closure.

**Spill History:**

En-closure was contracted by NexTier to provide oversight for the soil assessment and soil remediation of a spill that occurred on XTO's PLU 28 Big Sinks 124H wellsite located on a multi-well pad located southeast of Loving, NM because of a frac fleet fire incident that occurred on May 9, 2021, which was reported to the New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division on May 19, 2021.

Based on XTO HSE personnel's observations at the time of the incident, a release of approximately 11 barrels (462 gallons) of produced water containing brine fluids and potential hydrocarbons occurred. Based on the post fire field observations. XTO personnel indicated that the spill was primarily confined to the central part of the southern portion of the designed well pad and did not migrate off the pad (reported lack of staining or presence of brine crystallization offsite).

**Depth to Groundwater and Characterization Criteria:** XTO had previously installed a boring on this pad for depth to groundwater characterization for their operations in the area. This boring was filed with the State Engineer as POD1 (BH-01) File C-4500, TNR No. 682534, and is located at 32 degrees 6 minutes, 6.96 seconds N 103 degrees 47 minutes, 6.75 seconds west. The boring was drilled to a total depth of 110 feet below ground surface and did not encounter groundwater. An additional well report was obtained through EDR which identified a well located between 0.5- and 1-mile NNE of the site. This well – NM6000000085551 – was reported to have been to be drilled to a depth of 400 feet and encountered groundwater at a depth of 390 feet.

A review and search of existing water wells in the vicinity was conducted to determine the depth to groundwater. Based on available water well data in the area, the depth to groundwater ranges from 200 to 400 feet below ground surface (ft. bgs). A copy of water well data obtained from the New Mexico Bureau of Geology and Mineral Resources for water wells within a 5-mile radius is provided as Attachment 1. As such, NexTier determined that it was appropriate to use soil concentration levels established for water depths greater than 100 ft. bgs for the constituent closure criteria as presented in Table 1 of 19.15.29.12 NMAC.

**Summary of Site Assessment Activities**

In September 2021, en-closure personnel provided oversight of Talon LPE to complete a site assessment of the spill area. Based on the observed extend of impact, the operational containment pad, and pad topography, en-closure set an assessment area (shown on figure 1)

- Northern border 175 feet (east to west)
- Western border 75 feet (north to south)
- Eastern border 100 feet (north to south)
- Southern border 170 feet (east to west)

The assessment area was set to extend past the boundaries of the originally visible impact and include the area that had been covered by the equipment containment pad and the most likely route of surface migration. The near surface soils (0-0.5 feet below ground surface) of the assessment area would be removed for disposal.

To determine the horizontal extent of impact, the assessment area was gridded into 28 cells, each being 20 feet wide by 25 feet long to provide geographically representative and statistically valid assessment of the impacted area. Talon utilized a truck mounted Geoprobe drill rig to install twenty-eight (28) soil borings to a depth of 4 feet below ground surface (ft. bgs) to determine the horizontal and vertical extent of soil contamination. Additionally, per requests from XTO HSE personnel, an additional surface soil sample was collected to assess a potential hot spot from the frac fleet fire incident.

**Initial Sampling:** Soil samples were collected from 0 to 0.5 ft bgs, 2.0 to 2.5 ft bgs and 3.5 to 4.0 ft bgs at each of the 28 boring locations. All samples collected from the surface to 0.5 feet were and analyzed by Cardinal Labs in Hobbs, NM for benzene, toluene, ethyl benzene, xylenes (BTEX) by EPA Method 8260B, chlorides by SM4500Cl-B, and total petroleum hydrocarbon (TPH-8015M) analyses.

The initial results were compared to the NMOCD closure criteria and where exceedances were detected in the uppermost interval in a boring, the next deeper sample interval was analyzed for the specific analyte exceedances. Additionally, select soil samples from soil borings located on the perimeter of the assessment were field titrated to estimate soil chloride concentrations.

All soil samples analyzed for BTEX from the uppermost sampling interval showed no detectable concentrations of BTEX.

Samples collected from the uppermost sampling interval in soil borings SB-2, SB-4, SB-8 and SB-12 showed TPH concentrations exceeding 1,000 mg/kg. The surface soil sample SS-1 showed a TPH exceedance with a concentration of 34,100 mg/kg.

Although all soil chloride concentrations were below the 20,000 mg/kg, elevated chloride concentrations ranging from 6,000 to 12,300 mg/kg were detected in soil samples collected from SB-4, SB-10, and SB-18.

Based on the TPH exceedances and elevated chloride concentrations detected in soil borings SB-2, SB-4, SB-8, SB-10, SB-12 and SB-18, subsequent soil samples collected from the 2 to 2.5 ft bgs depth interval in these borings were analyzed for these constituents of concern. Results for the soil samples analyzed from the 2 to 2.5 ft bgs interval all showed no detectable TPH concentrations. The chlorides concentrations in these vertical delineation samples were also reduced from 6,000 to 12,300 mg/kg to 480 to 1790 mg/kg.

**Additional Delineation:** From a review of the analytical results, the en-closure recommended additional horizontal delineation west of SB-8 with shallow/surface sampling at points approximately 25 feet to the west, southwest and northwest of SB-8.

To delineate the exceedances from SB-2 and SB-4 and the hot spot at SS-1, en-closure recommended collecting samples in 25-foot intervals along lines from SB-2 to SS-1 and from SB-4 extending northward past SS-1 using the sample vertical sampling plan intervals. Soil samples were collected north, east and west of SS-1.

In early October 2021, Talon completed eight (8) additional delineation soil borings along the western and northern portions of the spill area. Sample locations 29, 30 and 31 were placed to the west and northwest of the exceedance at SB-8. Sample locations 32-36 were installed to delineate the exceedances at SB2, SB4 and SS-1. Analytical results for the site assessment are summarized in Table 1.

Based on the analytical results, the horizontal extent of TPH in the soil was defined and is depicted in Figure 1. The site assessment analytical lab reports are contained in Attachment 2.

### **Remediation Activities**

Based on the site assessment TPH analytical results, the area of soil contamination was estimated at an approximately 100' x 125' and down to a depth of 0.5 ft. bgs. The volume of impacted soil for excavation and removal was estimated at 230 cubic yards. Per XTO's HSE policies, New Mexico 811 was contacted to locate any potential underground pipelines in the vicinity of the proposed excavation activities. XTO's Pipeline Locator confirmed that no underground pipelines were present in this area.

Spur Environmental Services (Spur) was subcontracted by NexTier to conduct soil remediation activities on October 26, 2021 and remove TPH soil concentrations above 1,000 mg/kg. Spur utilized a bulldozer to remove the impacted soils down to a depth of 0.5 ft. bgs. Once soils were excavated with the bulldozer, the impacted soils were removed from the area of excavation using a front-end loader and placed onto plastic sheeting for off-site transportation and disposal.

**Confirmation Sampling:** Following excavation of the upper 0.5 foot of impacted soils, twelve (12) confirmation grab soil samples (C-1 to C-12) were collected to demonstrate achievement of closure criteria as presented in Table 1 of 19.15.29.12 NMAC. Ten of the confirmation soil samples were collected at approximately 20 to 25-foot intervals around the perimeter of the entire area of excavation. Two additional samples were collected along the central N/S line of the excavated area. The Attached is Figure 2 showing the locations of the confirmation soil samples collected.

Confirmation soil samples were placed in a cooler on ice, maintained at a temperature of 4 degrees C and submitted to Cardinal Labs in Hobbs, NM for 24-hour turnaround time analyses on October 27, 2021. All confirmation soil samples were analyzed for BTEX by EPA Method 8260B, chlorides by SM4500Cl-B, and TPH by 8015M.

Approximately 200 cubic yards of impacted soils were initially excavated. Photographs of the remediation activities and excavated area prior to backfill are included in the photo log attachment. On October 27, 2021, Spur utilized a front-end loader to load the excavated material into 20 cubic yard trucks for transport and disposal to the R360 Red Bluff Disposal Facility (STF-065) in Orla, Texas. Spur subcontracted Rico and Sons and Bighorn Transport to transport twelve loads of impacted soils to the E&P exempt landfill.

**Additional Excavation:** Five of the twelve confirmation samples contained TPH concentrations that exceeded closure criteria. Based on the TPH soil exceedances, further excavation was conducted to achieve closure criteria. On October 28, 2021, Spur utilized a mini excavator to remove impacted soils in each of the areas where the confirmation samples were collected that showed concentrations exceeding the TPH closure criteria of 1,000 mg/kg. Spur excavated an approximate 8 foot by 10-foot area around each of the five confirmation soil sample locations CS-2, CS-5, CS-6, CS-9 and CS-12. Impacted soils were excavated down approximately 6 inches to a foot in depth until native reddish brown sandy soil was encountered. An additional 20 cubic yards of impacted soil was removed from each of the six areas that showed TPH exceedances. Impacted soils were scooped up with the front-end loader and placed on plastic for load out and off-site transportation to the R360 landfill.

Upon completing the excavation of 20 cubic yards of additional impacted soils, a small portion of soil was collected from each area that was over-excavated and placed into a plastic bag, allowed to volatilize for 15 minutes, and screened for organic vapors using a photoionization detector (PID). PID readings of the soil collected from each of the five areas showed no detectable readings of organic vapors. Based on the absence of organic vapors as measured by the PID, confirmation soil samples were re-collected at the previous six locations that exceeded TPH action levels. Confirmation soil samples were labeled CS-2A, CS-5A, CS-6A, CS-9A and CS-12A, respectively. Confirmation soil samples were placed in a cooler on ice, maintained at a temperature of 4 degrees C and submitted to Cardinal Labs in Hobbs, NM for 24-hour turnaround time analyses on October 28, 2021.

Upon receipt of the analytical results of the confirmation re-sampling that showed no detectable levels of TPH, the entire excavated area was backfilled with clean fill material per XTO specifications on October 29, 2021. The front-end loader was utilized to smooth and compact the soil to grade level. Photographs documenting the completed backfill and grading operation are included as Attachment 3. One load of the impacted soil (approximately 20 cubic yards) was loaded into the truck for off-site transportation and disposal to R360's Red Bluff Disposal Facility (STF-065) in Orla, Texas. A copy of the non-hazardous waste manifests documenting disposal of the impacted E&P exempt waste is provided as Attachment 4.

### **Analytical Results**

A summary table of the confirmation soil sample results is presented in Table 2. The analytical results were compared to the constituent soil concentrations shown in Table 1 of 19.15.29.12 NMAC for groundwater depths greater than 100 ft. bgs. The established clean up criteria for chlorides is 20,000 mg/kg, BTEX at 100 mg/kg, and TPH<sub>GRO+DRO</sub> at 1,000 mg/kg. Analytical results showed no detectable BTEX concentrations in the soil. Chloride concentrations in soil ranged from 80 mg/kg to 9,200 mg/kg; however, all chloride concentrations were below the 20,000 mg/kg cleanup criteria. TPH combined concentrations in soil ranged from 51 mg/kg to 1,793 mg/kg. Analytical results for confirmation soil samples CS-2, CS-5, CS-6, CS-9 and CS-12 showed TPH concentrations above the 1,000 mg/kg cleanup criteria.

TPH analytical results for confirmation soil samples CS-2A, CS-5A, CS-6A, CS-9A and CS-12A are also presented in Table 2. Laboratory analytical results for all five of these confirmation samples indicate that all soil samples showed no detectable TPH concentrations. The confirmation soil analytical laboratory reports are included as Attachment 5.

Following excavation and disposal of approximately 220 cubic yards of soil from the XTO PLU 28 Big Sinks 124H well pad, laboratory results for confirmation soil samples for BTEX, chlorides and TPH analyses demonstrate that closure criteria for soils impacted by a release have been achieved in accordance with Title 19.15.29.12 NMAC.

### **Summary and Conclusion**

The fire that occurred on the Big Sinks pad resulted in a limited release ( 11 barrels) of produced brine water. The release was confined to the near surface soils on pad and did not migrate off pad. The depth to groundwater was established on pad with an XTO installed boring that was drilled to 110 feet bgs and did not encounter groundwater. With the impact apparently confined to pad and groundwater not being at risk, action levels for TPH and Chlorides where 1000 mg/kg and 20,000 mg/kg.

Stakeholders determined to assess and remediate the affected area of the pad upon completion of the 124H well. The assessment would include area of visible impact, the equipment containment pad area, and the area along the topographic slope (SE edge) of the operating area. This area was determined to be geographically representative of the pad and included the area visibly impacted, and those areas most likely to be impacted and the surrounding soils. The area was approximately 175 feet by 100 feet and was gridded into 28 20 x 25 sampling grids to provide statistically valid sample set.

Field screening through chlorides titration indicated that there were no major chlorides issues and helped confirm the area of impact. The analytical results from soil borings showed that only the uppermost (near surface 0-0.5 ft bgs) was impacted within the area of assessment. Additional horizontal delineation sampling was performed to the north and west of the original sampling grid. After the area of gross impact had been defined with 36 sampling points, the uppermost soil was excavated and shipped offsite for disposal. An additional 12 post excavation samples were collected for confirmation sampling, with points exceeding the TPH limit. Additional excavation was performed around these confirmation hotspots and the additional samples collected where below action levels.

The assessment and remediation activities were sufficient to show that the spill only resulted in a limited TPH impact to the very near surface (0 – 0.5 feet) and that excavation of these near surface soils was sufficient to remove the gross impact of this release to concentrations acceptable for site closure.

Respectfully Submitted,



Don Dunbar  
Manager, en-closure

EC: Adrian Baker  
Don Dunbar

Attachments: Table 1 – Summary of Site Assessment Analytical Results  
Table 2 – Summary of Confirmation Soil Sample Analytical Results  
Figure 1 – XTO TPH Results and Proposed Area of Excavation  
Figure 2 – XTO Confirmation Soil Sample Locations  
Attachment 1 – New Mexico Bureau of Geology and Minerals Water Well Data  
Attachment 2 – Site Assessment Analytical Reports  
Attachment 3 - Photo Log of Remediation Activities  
Attachment 4 – Waste Manifests  
Attachment 5 – Confirmation Soil Sample Analytical Reports

# XTO- Poker Lake Soil Sampling Results and planned excavation

Equipment Operating Area



Proposed Area of Excavation

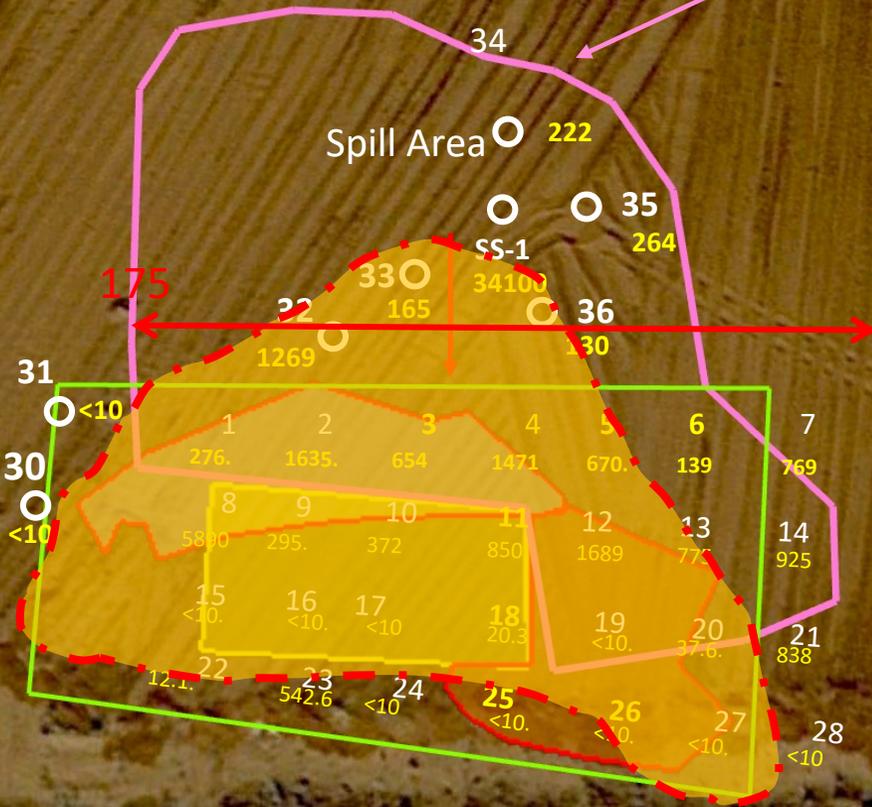


○ 10-04-21 Delineation sample locations

Spill area within grids 1,2,3, 4, 5, 8, 9, 10, 11, and 12, 13, 15, & 16.

Additional potential spill areas grids 14, 20, 21 26 ,27, and 28

Frac Fleet Containment grids: 10, 11, 12 , 17, 18, 19



100'

Potential Spill Area

# XTO- Poker Lake Post Excavation Confirmation Sampling Locations

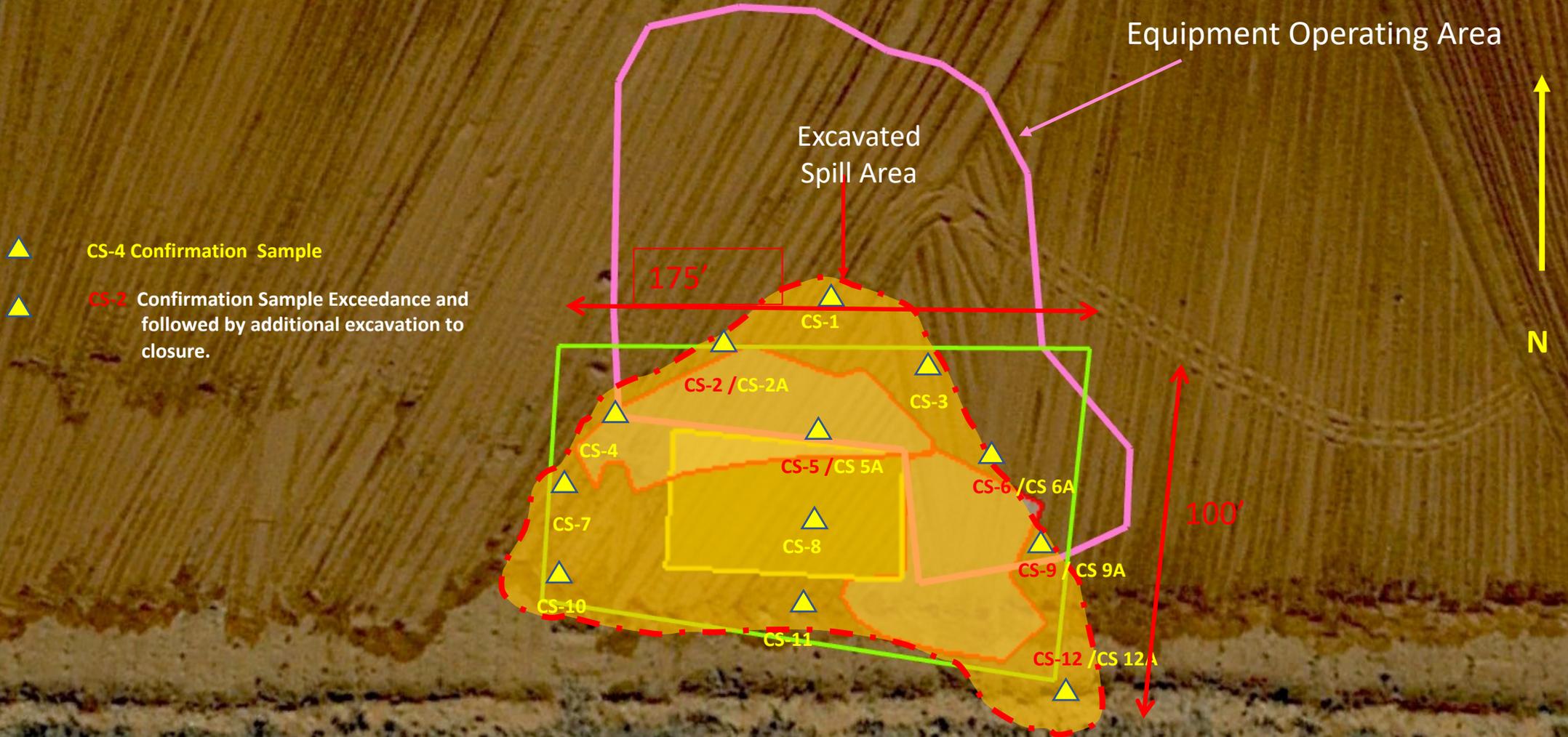


TABLE 1 - SUMMARY OF SITE ASSESSMENT ANALYTICAL RESULTS  
XTO PLU 28 BIG SINKS 124H

Boring	On Pad Action Level	TPH								
		Chlorides	GRO	DRO		Combinded	Benzene	Toluene	Ethylbenzene	Xylenes
			C6-C10	C10 - C-28	C28 - C36					
Units	20,000				1,000	10				
ID	Depth (ft.bgs)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SB-1	0 - 0.5	496	<10	154	102	256	<0.025	<0.025	<0.025	<0.075
<b>SB-2</b>	0 - 0.5	1,100	<10	635	<b>1,050</b>	<b>1,685</b>	<0.025	<0.025	<0.025	<0.075
SB-2	2.0 - 2.5	NA	<10	<10	<10	<10	NT	NT	NT	NT
SB-3	0 - 0.5	3,920	<10	277	368	645	<0.025	<0.025	<0.025	<0.075
<b>SB-4</b>	0 - 0.5	10,500	<10	978	493	<b>1,471</b>	<0.025	<0.025	<0.025	<0.075
SB-4	2.0 - 2.5	1,250	<10	<10	<10	<10	NT	NT	NT	NT
SB-5	0 - 0.5	3,440	<10	323	347	670	<0.025	<0.025	<0.025	<0.075
SB-6	0 - 0.5	1,840	<10	71	68	139	<0.025	<0.025	<0.025	<0.075
SB-7	0 - 0.5	832	<10	370	399	769	<0.025	<0.025	<0.025	<0.075
<b>SB-8</b>	0 - 0.5	432	<10	<b>1,660</b>	<b>4,230</b>	<b>5,890</b>	<0.025	<0.025	<0.025	<0.075
SB-8	2.0 - 2.5	NA	<10	<10	<10	<10	NT	NT	NT	NT
SB-9	0 - 0.5	560	<10	111	184	295	<0.025	<0.025	<0.025	<0.075
SB-10	0 - 0.5	6,000	<10	334	38	372	<0.025	<0.025	<0.025	<0.075
SB-10	2.0 - 2.5	1,790	NA	NA	NA	NA	NT	NT	NT	NT
SB-11	0 - 0.5	1,600	<10	446	404	850	<0.025	<0.025	<0.025	<0.075
<b>SB-12</b>	0 - 0.5	1,650	<10	<b>1,050</b>	<b>639</b>	<b>1,689</b>	<0.025	<0.025	<0.025	<0.075
SB-12	2.0 - 2.5	NA	<10	<10	<10	<10	NT	NT	NT	NT
SB-13	0 - 0.5	1,390	<10	435	330	765	<0.025	<0.025	<0.025	<0.075
SB-14	0 - 0.5	1,260	<10	508	417	925	<0.025	<0.025	<0.025	<0.075
SB-15	0 - 0.5	448	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-16	0 - 0.5	3,480	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-17	0 - 0.5	2,880	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-18	0 - 0.5	12,300	<10	20	<10	20	<0.025	<0.025	<0.025	<0.075
SB-18	2.0 - 2.5	480	NT	NT	NT	NT	NT	NT	NT	NT
SB-19	0 - 0.5	2,880	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-20	0 - 0.5	432	<10	38	<10	38	<0.025	<0.025	<0.025	<0.075
SB-21	0 - 0.5	800	<10	465	273	738	<0.025	<0.025	<0.025	<0.075
SB-22	0 - 0.5	<16	<10	12	<10	12	<0.025	<0.025	<0.025	<0.075
SB-23	0 - 0.5	32	11	532	<10	543	<0.025	<0.025	<0.025	<0.075
SB-24	0 - 0.5	48	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-25	0 - 0.5	2,160	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-26	0 - 0.5	656	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-27	0 - 0.5	432	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-28	0 - 0.5	32	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-29	0 - 0.5	352	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-30	0 - 0.5	368	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-31	0 - 0.5	752	<10	<10	<10	<10	<0.025	<0.025	0.036	<0.075
<b>SB-32</b>	0 - 0.5	13,800	10	632	627	<b>1,269</b>	<0.025	0.201	0.488	0.524
SB-33	0 - 0.5	1,760	<10	105	61	166	<0.025	0.115	0.252	0.280
SB-34	0 - 0.5	6,240	<10	142	80	222	<0.025	0.129	0.309	0.361
SB-35	0 - 0.5	10,400	<10	181	84	265	0.183	0.139	0.222	0.230
SB-36	0 - 0.5	12,300	<10	76	54	130	<0.025	0.065	0.134	0.147
<b>SS-1</b>	0 - 0.5	6,000	<50	16,300	17,800	<b>34,100</b>	<0.025	<0.025	<0.025	<0.075

NT- not tested

     soil concentration exceeds screening criteria for Table 1 19.15.29.12 NMAC constituents

Boring Location	On Pad Action Level Units	TPH				Combinded	Benzene	Toluene	Ethylbenzene	Xylenes
		Chlorides	GRO	DRO						
		C6-C10	C10 - C-28	C28 - C36						
	20,000				1,000					
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
CS-1	9,200	<10	223	112	335	<0.025	<0.025	<0.025	<0.075	
CS-2	8,930	<10	707	495	1,202	<0.025	<0.025	<0.025	<0.075	
CS-2A	NT	<10	<10	<10	<10	NT	NT	NT	NT	
CS-3	3,400	<10	519	403	922	<0.025	<0.025	<0.025	<0.075	
CS-4	1,120	<10	103	122	225	<0.025	<0.025	<0.025	<0.075	
CS-5	5,460	<10	896	630	1,526	<0.025	<0.025	<0.025	<0.075	
CS-5A	NT	<10	<10	<10	<10	NT	NT	NT	NT	
CS-6	1,660	<10	796	933	1,729	<0.025	<0.025	<0.025	<0.075	
CS-6A	NT	<10	<10	<10	<10	NT	NT	NT	NT	
CS-7	80	<10	20	31	51	<0.025	<0.025	<0.025	<0.075	
CS-8	2,520	<10	438	186	624	<0.025	<0.025	<0.025	<0.075	
CS-9	1,440	<10	1,070	723	1,793	<0.025	<0.025	<0.025	<0.075	
CS-9A	NT	<10	<10	<10	<10	NT	NT	NT	NT	
CS-10	704	<10	160	88	248	<0.025	<0.025	<0.025	<0.075	
CS-11	3,080	<10	491	232	723	<0.025	<0.025	<0.025	<0.075	
CS-12	1,200	<10	473	542	1,015	<0.025	<0.025	<0.025	<0.075	
CS-12A	NT	<10	<10	<10	<10	<10	NT	NT	NT	

TABLE 1 - SUMMARY OF SITE ASSESSMENT AND CONFIRMATION ANALYTICAL RESULTS  
XTO PLU 28 BIG SINKS 124H

Boring	On Pad Action Level Units	Field Titration Chlorides PPM	Chlorides mg/kg	TPH				Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Xylenes mg/kg
				GRO C6-C10	DRO C10 - C-28	Combinded mg/kg					
				mg/kg	mg/kg						
ID	Depth (ft.bgs)		20,000				1,000	10			
SB-1	0 - 0.5	397	496	<10	154	102	256	<0.025	<0.025	<0.025	<0.075
<b>SB-2</b>	0 - 0.5	1,042	1,100	<10	635	<b>1,050</b>	<b>1,685</b>	<0.025	<0.025	<0.025	<0.075
SB-2	2.0 - 2.5	NT	NA	<10	<10	<10	<10	NT	NT	NT	NT
CS-4	0 - 0.5	NT	1,120	<10	103	122	225	<0.025	<0.025	<0.025	<0.075
SB-3	0 - 0.5	2,567	3,920	<10	277	368	645	<0.025	<0.025	<0.025	<0.075
CS-2	0 - 0.5	NT	8,930	<10	707	495	<b>1,202</b>	<0.025	<0.025	<0.025	<0.075
CS-2A	1.5 - 2.0	NT	NT	<10	<10	<10	<10	NT	NT	NT	NT
<b>SB-4</b>	0 - 0.5	4,906	10,500	<10	978	493	<b>1,471</b>	<0.025	<0.025	<0.025	<0.075
SB-4	2.0 - 2.5	1,914	1,250	<10	<10	<10	<10	NT	NT	NT	NT
CS-1	0 - 0.5	NT	9,200	<10	223	112	335	<0.025	<0.025	<0.025	<0.075
SB-5	0 - 0.5	3,283	3,440	<10	323	347	670	<0.025	<0.025	<0.025	<0.075
CS-3	0 - 0.5	NT	3,400	<10	519	403	922	<0.025	<0.025	<0.025	<0.075
SB-6	0 - 0.5	1,241	1,840	<10	71	68	139	<0.025	<0.025	<0.025	<0.075
CS-6	0 - 0.5	NT	1,660	<10	796	933	<b>1,729</b>	<0.025	<0.025	<0.025	<0.075
CS-6A	1.5 - 2.0	NT	NT	<10	<10	<10	<10	NT	NT	NT	NT
SB-7	0 - 0.5	567	832	<10	370	399	769	<0.025	<0.025	<0.025	<0.075
<b>SB-8</b>	0 - 0.5	340	432	<10	<b>1,660</b>	<b>4,230</b>	<b>5,890</b>	<0.025	<0.025	<0.025	<0.075
SB-8	2.0 - 2.5	NT	NA	<10	<10	<10	<10	NT	NT	NT	NT
CS-7	0 - 0.5	NT	80	<10	20	31	51	<0.025	<0.025	<0.025	<0.075
SB-9	0 - 0.5	NT	560	<10	111	184	295	<0.025	<0.025	<0.025	<0.075
SB-10	0 - 0.5	NT	6,000	<10	334	38	372	<0.025	<0.025	<0.025	<0.075
SB-10	2.0 - 2.5	NT	1,790	NA	NA	NA	NA	NT	NT	NT	NT
SB-11	0 - 0.5	1,099	1,600	<10	446	404	850	<0.025	<0.025	<0.025	<0.075
<b>SB-12</b>	0 - 0.5	NT	1,650	<10	<b>1,050</b>	<b>639</b>	<b>1,689</b>	<0.025	<0.025	<0.025	<0.075
SB-12	2.0 - 2.5	NT	NA	<10	<10	<10	<10	NT	NT	NT	NT
CS-5	0 - 0.5	NT	5,460	<10	896	630	<b>1,526</b>	<0.025	<0.025	<0.025	<0.075
CS-5A	1.5 - 2.0	NT	NT	<10	<10	<10	<10	NT	NT	NT	NT
SB-13	0 - 0.5	NT	1,390	<10	435	330	765	<0.025	<0.025	<0.025	<0.075
SB-14	0 - 0.5	794	1,260	<10	508	417	925	<0.025	<0.025	<0.025	<0.075
CS-9	0 - 0.5	NT	1,440	<10	1,070	723	<b>1,793</b>	<0.025	<0.025	<0.025	<0.075
CS-9A	1.5 - 2.0	NT	NT	<10	<10	<10	<10	NT	NT	NT	NT
SB-15	0 - 0.5	319	448	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-16	0 - 0.5	NT	3,480	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-17	0 - 0.5	NT	2,880	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-18	0 - 0.5	>8000	12,300	<10	20	<10	20	<0.025	<0.025	<0.025	<0.075
SB-18	2.0 - 2.5	NT	480	NT	NT	NT	NT	NT	NT	NT	NT
SB-19	0 - 0.5	NT	2,880	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
CS-8	0 - 0.5	NT	2,520	<10	438	186	624	<0.025	<0.025	<0.025	<0.075
SB-20	0 - 0.5	NT	432	<10	38	<10	38	<0.025	<0.025	<0.025	<0.075
SB-21	0 - 0.5	496	800	<10	465	273	738	<0.025	<0.025	<0.025	<0.075
SB-22	0 - 0.5	106	<16	<10	12	<10	12	<0.025	<0.025	<0.025	<0.075
CS-10	0 - 0.5	NT	704	<10	160	88	248	<0.025	<0.025	<0.025	<0.075
SB-23	0 - 0.5	71	32	11	532	<10	543	<0.025	<0.025	<0.025	<0.075
SB-24	0 - 0.5	NT	48	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-25	0 - 0.5	1,808	2,160	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
CS-11	0 - 0.5	NT	3,080	<10	491	232	723	<0.025	<0.025	<0.025	<0.075
SB-26	0 - 0.5	1,234	656	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-27	0 - 0.5	NT	432	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-28	0 - 0.5	106	32	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
CS-12	0 - 0.5	NT	1,200	<10	473	542	<b>1,015</b>	<0.025	<0.025	<0.025	<0.075
CS-12A	1.5 - 2.0	NT	NT	<10	<10	<10	<10	NT	NT	NT	NT
SB-29	0 - 0.5	NT	352	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-30	0 - 0.5	NT	368	<10	<10	<10	<10	<0.025	<0.025	<0.025	<0.075
SB-31	0 - 0.5	NT	752	<10	<10	<10	<10	<0.025	<0.025	0.036	<0.075
<b>SB-32</b>	0 - 0.5	NT	13,800	10	632	627	<b>1,269</b>	<0.025	0.201	0.488	0.524
SB-33	0 - 0.5	NT	1,760	<10	105	61	166	<0.025	0.115	0.252	0.280
SB-34	0 - 0.5	NT	6,240	<10	142	80	222	<0.025	0.129	0.309	0.361
SB-35	0 - 0.5	NT	10,400	<10	181	84	265	0.183	0.139	0.222	0.230
SB-36	0 - 0.5	NT	12,300	<10	76	54	130	<0.025	0.065	0.134	0.147
<b>SS-1</b>	0 - 0.5	NT	6,000	<50	16,300	17,800	<b>34,100</b>	<0.025	<0.025	<0.025	<0.075

NT- not tested

soil concentration exceeds screening criteria for Table 1 19.15.29.12 NMAC constituents

SB-1 through SB-36 - soil boring from the soil investigation

CS-1 through CS-12 - confirmation soil sample collected upon completion of soil remediation



# 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.) POD1 (BH-01)		WELL TAG ID NO. n/a		OSE FILE NO(S). C-4500			
	WELL OWNER NAME(S) XTO Energy (Kyle Littrell)				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6401 Holiday Hill Dr.				CITY Midland	STATE TX	ZIP 79707	
	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES 32	MINUTES 6	SECONDS 6.96	N	• ACCURACY REQUIRED: ONE TENTH OF A SECOND • DATUM REQUIRED: WGS 84	
		LONGITUDE	103	47	6.75	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NW Sec. 28 T25S R31E								
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 03/24/2021		DRILLING ENDED 03/24/2021		DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 110	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		
	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							
	DEPTH (feet bgl)		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)
	FROM	TO						
	0	110	±6.5	Boring- HSA	-	-	-	-
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

USE DATE MAY 5 2021 10:41:00

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/17)			
FILE NO.	C-4500	POD NO.	1	TRN NO.	682534
LOCATION	Exp   25S.31E.28.144	WELL TAG ID NO.	—	PAGE 1 OF 2	



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID			Database	EDR ID Number
1 NNE 1/2 - 1 Mile Higher			NM WELLS	NM60000C0085551
Well Name: POD Basin: POD Suffix: Drilling Started: Plug Date: Elevation: Groundwater Source: Depth to Water (ft): Well Schedule Date: Pump Serial #: Aquifer: Max Diversion Allowed: Est Yield (Gal/Min): Casing Size (in): POD Subbasin: OSE Well Tag: Water Right Status: Water Right Use:	Not Reported Carlsbad Not Reported 01-JAN-70 01-JAN-70 0 Not Reported 390 01-JAN-70 Not Reported Not Reported 0 6 8.63 Carlsbad Underground Basin Not Reported Declaration 72-12-1 livestock watering	Well Use: POD #: Land Grant: Well Completed: Completion Proved: Well Depth (ft): % Shallow: OSE Filing Date: Pump Type: Discharge Pipe Size: Diversion Amt Allowed (acre-ft): Surface Water Diversion: POD Status:  Static Level:	Not Reported 02250 Not Reported 31-DEC-41 01-JAN-70 400 0 01-JAN-70 Not Reported Not Reported 3 0 Not Reported  0	



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

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September 20, 2021

BRAD ALKER  
EN-CLOSURE, LLC  
11822 BROOK MEADOWS  
MEADOWSPPLACE, TX 77477

RE: XTO PLU 28 BIG SINKS 124H

Enclosed are the results of analyses for samples received by the laboratory on 09/14/21 11:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 1 ( 0-0.5' ) 1 (H212543-01)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/16/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/16/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/16/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/16/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/16/2021	ND					

Surrogate: Dibromofluoromethane 111 % 84-115  
 Surrogate: Toluene-d8 96.2 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 87.2 % 85.1-109

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>496</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>154</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>102</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 77.7 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 74.0 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 2 ( 0-0.5' ) 1 (H212543-04)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/16/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/16/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/16/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/16/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/16/2021	ND					

Surrogate: Dibromofluoromethane 111 % 84-115  
 Surrogate: Toluene-d8 96.8 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 91.2 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1100</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>635</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>1050</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 75.4 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 69.9 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received: 09/14/2021  
 Reported: 09/20/2021  
 Project Name: XTO PLU 28 BIG SINKS 124H  
 Project Number: NONE GIVEN  
 Project Location: XTO - LOVING NM

Sampling Date: 09/13/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SB - 2 ( 2-2.5' ) 2 (H212543-05)**

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	09/17/2021	ND	225	112	200	0.847	
DRO >C10-C28*	<10.0	10.0	09/17/2021	ND	226	113	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	09/17/2021	ND					
Surrogate: 1-Chlorooctane	86.2 %	44.3-133							
Surrogate: 1-Chlorooctadecane	84.5 %	38.9-142							

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 3 ( 0-0.5' ) 1 (H212543-07)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/16/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/16/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/16/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/16/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/16/2021	ND					

Surrogate: Dibromofluoromethane 109 % 84-115  
 Surrogate: Toluene-d8 94.8 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 88.7 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3920</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>277</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>368</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 70.7 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 67.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 4 ( 0-0.5' ) 1 (H212543-10)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 109 % 84-115  
 Surrogate: Toluene-d8 95.3 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 96.1 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>10500</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>978</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>493</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 77.4 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 76.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 4 ( 2-2.5' ) 2 (H212543-11)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1250</b>	16.0	09/17/2021	ND	432	108	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2021	ND	225	112	200	0.847	
DRO >C10-C28*	<10.0	10.0	09/17/2021	ND	226	113	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	09/17/2021	ND					
Surrogate: 1-Chlorooctane	88.9 %	44.3-133							
Surrogate: 1-Chlorooctadecane	86.8 %	38.9-142							

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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 5 ( 0-0.5' ) 1 (H212543-13)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 105 % 84-115  
 Surrogate: Toluene-d8 94.0 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 91.2 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3440</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>323</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>347</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 77.7 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 71.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 6 ( 0-0.5' ) 1 (H212543-16)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 102 % 84-115  
 Surrogate: Toluene-d8 95.3 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 90.9 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1840</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>71.2</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>68.0</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 73.3 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 67.3 % 38.9-142

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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 7 ( 0-0.5' ) 1 (H212543-19)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 105 % 84-115  
 Surrogate: Toluene-d8 95.3 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 90.4 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>832</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>370</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>399</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 76.0 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 70.6 % 38.9-142

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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 8 ( 0-0.5' ) 1 (H212543-22)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 106 % 84-115  
 Surrogate: Toluene-d8 97.1 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 90.2 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>432</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>1660</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>4230</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 78.2 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 67.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 8 ( 2.0-2.5' ) 2 (H212543-23)**

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	09/17/2021	ND	225	112	200	0.847	
DRO >C10-C28*	<10.0	10.0	09/17/2021	ND	226	113	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	09/17/2021	ND					
Surrogate: 1-Chlorooctane	86.6 %	44.3-133							
Surrogate: 1-Chlorooctadecane	84.9 %	38.9-142							

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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 9 ( 0-0.5' ) 1 (H212543-25)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 106 % 84-115  
 Surrogate: Toluene-d8 96.6 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 87.7 % 85.1-109

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>560</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>111</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>184</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 71.0 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 66.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 10 ( 0-0.5' ) 1 (H212543-28)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 111 % 84-115  
 Surrogate: Toluene-d8 95.9 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 90.2 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>6000</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>334</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>38.0</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 75.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received: 09/14/2021  
 Reported: 09/20/2021  
 Project Name: XTO PLU 28 BIG SINKS 124H  
 Project Number: NONE GIVEN  
 Project Location: XTO - LOVING NM

Sampling Date: 09/13/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SB - 10 ( 2-2.5' ) 2 (H212543-29)**

**Chloride, SM4500Cl-B**

**mg/kg**

**Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1790</b>	16.0	09/17/2021	ND	432	108	400	3.77	

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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 11 ( 0-0.5' ) 1 (H212543-31)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 107 % 84-115  
 Surrogate: Toluene-d8 94.7 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 90.6 % 85.1-109

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1600</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>446</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>404</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 73.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 12 ( 0-0.5' ) 1 (H212543-34)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 106 % 84-115  
 Surrogate: Toluene-d8 98.2 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 93.4 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1650</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>1050</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>639</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 78.8 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 79.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received: 09/14/2021  
 Reported: 09/20/2021  
 Project Name: XTO PLU 28 BIG SINKS 124H  
 Project Number: NONE GIVEN  
 Project Location: XTO - LOVING NM

Sampling Date: 09/13/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SB - 12 ( 2-2.5' ) 2 (H212543-35)**

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	09/17/2021	ND	225	112	200	0.847	
DRO >C10-C28*	<10.0	10.0	09/17/2021	ND	226	113	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	09/17/2021	ND					
Surrogate: 1-Chlorooctane	90.5 %	44.3-133							
Surrogate: 1-Chlorooctadecane	88.5 %	38.9-142							

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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 13 ( 0-0.5' ) 1 (H212543-37)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 106 % 84-115  
 Surrogate: Toluene-d8 96.1 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 90.9 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1390</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>435</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>330</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 76.9 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 73.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 14 ( 0-0.5' ) 1 (H212543-40)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 104 % 84-115  
 Surrogate: Toluene-d8 94.5 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 92.1 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1260</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
<b>DRO &gt;C10-C28*</b>	<b>508</b>	10.0	09/15/2021	ND	206	103	200	5.84	
<b>EXT DRO &gt;C28-C36</b>	<b>417</b>	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 71.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 15 ( 0-0.5' ) 1 (H212543-43)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 105 % 84-115  
 Surrogate: Toluene-d8 95.1 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 90.8 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>448</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	206	103	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 71.7 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 66.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 16 ( 0-0.5' ) 1 (H212543-46)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 103 % 84-115  
 Surrogate: Toluene-d8 97.3 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 92.8 % 85.1-109

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3480</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	206	103	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 76.0 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 71.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 17 ( 0-0.5' ) 1 (H212543-49)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 108 % 84-115  
 Surrogate: Toluene-d8 96.7 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 89.8 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2880</b>	16.0	09/15/2021	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	09/15/2021	ND	194	96.9	200	5.53	
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	206	103	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 73.6 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 69.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 18 ( 0-0.5' ) 1 (H212543-52)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.469	93.8	0.500	1.96	
Toluene*	<0.025	0.025	09/15/2021	ND	0.446	89.2	0.500	4.05	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.424	84.8	0.500	5.12	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.30	86.4	1.50	2.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 108 % 84-115  
 Surrogate: Toluene-d8 96.7 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 90.3 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>12300</b>	16.0	09/15/2021	ND	416	104	400	3.77	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	09/15/2021	ND	233	116	200	0.0709	
<b>DRO &gt;C10-C28*</b>	<b>20.3</b>	10.0	09/15/2021	ND	225	112	200	0.0205	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 86.7 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 84.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 18 ( 2-2.5' ) 2 (H212543-53)**

Chloride, SM4500CI-B	mg/kg	Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>480</b>	16.0	09/17/2021	ND	432	108	400	3.77	

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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 19 ( 0-0.5' ) 1 (H212543-55)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.470	94.0	0.500	0.919	
Toluene*	<0.025	0.025	09/15/2021	ND	0.445	89.0	0.500	2.11	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.444	88.8	0.500	0.395	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.32	88.1	1.50	1.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 107 % 84-115  
 Surrogate: Toluene-d8 99.9 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 90.3 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2880</b>	16.0	09/15/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	233	116	200	0.0709	
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	225	112	200	0.0205	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 79.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 20 ( 0-0.5' ) 1 (H212543-58)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/15/2021	ND	0.470	94.0	0.500	0.919	
Toluene*	<0.025	0.025	09/15/2021	ND	0.445	89.0	0.500	2.11	
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.444	88.8	0.500	0.395	
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.32	88.1	1.50	1.44	
Total BTEX	<0.150	0.150	09/15/2021	ND					

Surrogate: Dibromofluoromethane 108 % 84-115  
 Surrogate: Toluene-d8 99.0 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 89.7 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>432</b>	16.0	09/15/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	233	116	200	0.0709	
<b>DRO &gt;C10-C28*</b>	<b>37.6</b>	10.0	09/15/2021	ND	225	112	200	0.0205	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 74.0 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 73.8 % 38.9-142

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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 21 ( 0-0.5' ) 1 (H212543-61)**

BTEX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	09/15/2021	ND	0.470	94.0	0.500	0.919		
Toluene*	<0.025	0.025	09/15/2021	ND	0.445	89.0	0.500	2.11		
Ethylbenzene*	<0.025	0.025	09/15/2021	ND	0.444	88.8	0.500	0.395		
Total Xylenes*	<0.075	0.075	09/15/2021	ND	1.32	88.1	1.50	1.44		
Total BTEX	<0.150	0.150	09/15/2021	ND						

Surrogate: Dibromofluoromethane 109 % 84-115  
 Surrogate: Toluene-d8 97.7 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 89.5 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>800</b>	16.0	09/15/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	233	116	200	0.0709		
<b>DRO &gt;C10-C28*</b>	<b>465</b>	10.0	09/15/2021	ND	225	112	200	0.0205		
<b>EXT DRO &gt;C28-C36</b>	<b>273</b>	10.0	09/15/2021	ND						

Surrogate: 1-Chlorooctane 79.3 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 85.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 22 ( 0-0.5' ) 1 (H212543-64)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/16/2021	ND	0.470	94.0	0.500	0.919	
Toluene*	<0.025	0.025	09/16/2021	ND	0.445	89.0	0.500	2.11	
Ethylbenzene*	<0.025	0.025	09/16/2021	ND	0.444	88.8	0.500	0.395	
Total Xylenes*	<0.075	0.075	09/16/2021	ND	1.32	88.1	1.50	1.44	
Total BTEX	<0.150	0.150	09/16/2021	ND					

Surrogate: Dibromofluoromethane 110 % 84-115  
 Surrogate: Toluene-d8 98.1 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 90.4 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/15/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	233	116	200	0.0709	
<b>DRO &gt;C10-C28*</b>	<b>12.1</b>	10.0	09/15/2021	ND	225	112	200	0.0205	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 83.7 % 38.9-142

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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 23 ( 0-0.5' ) 1 (H212543-67)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/16/2021	ND	0.470	94.0	0.500	0.919	
Toluene*	<0.025	0.025	09/16/2021	ND	0.445	89.0	0.500	2.11	
Ethylbenzene*	<0.025	0.025	09/16/2021	ND	0.444	88.8	0.500	0.395	
Total Xylenes*	<0.075	0.075	09/16/2021	ND	1.32	88.1	1.50	1.44	
Total BTEX	<0.150	0.150	09/16/2021	ND					

Surrogate: Dibromofluoromethane 108 % 84-115  
 Surrogate: Toluene-d8 96.8 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 111 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/15/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.6	10.0	09/15/2021	ND	233	116	200	0.0709	
DRO >C10-C28*	532	10.0	09/15/2021	ND	225	112	200	0.0205	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 98.9 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 24 ( 0-0.5' ) 1 (H212543-70)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/16/2021	ND	0.470	94.0	0.500	0.919	
Toluene*	<0.025	0.025	09/16/2021	ND	0.445	89.0	0.500	2.11	
Ethylbenzene*	<0.025	0.025	09/16/2021	ND	0.444	88.8	0.500	0.395	
Total Xylenes*	<0.075	0.075	09/16/2021	ND	1.32	88.1	1.50	1.44	
Total BTEX	<0.150	0.150	09/16/2021	ND					

Surrogate: Dibromofluoromethane 108 % 84-115  
 Surrogate: Toluene-d8 96.3 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 92.1 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/15/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	233	116	200	0.0709	
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	225	112	200	0.0205	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 86.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 25 ( 0-0.5' ) 1 (H212543-73)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/16/2021	ND	0.470	94.0	0.500	0.919	
Toluene*	<0.025	0.025	09/16/2021	ND	0.445	89.0	0.500	2.11	
Ethylbenzene*	<0.025	0.025	09/16/2021	ND	0.444	88.8	0.500	0.395	
Total Xylenes*	<0.075	0.075	09/16/2021	ND	1.32	88.1	1.50	1.44	
Total BTEX	<0.150	0.150	09/16/2021	ND					

Surrogate: Dibromofluoromethane 107 % 84-115  
 Surrogate: Toluene-d8 96.1 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 91.5 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2160</b>	16.0	09/15/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	233	116	200	0.0709	
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	225	112	200	0.0205	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 80.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 26 ( 0-0.5' ) 1 (H212543-76)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/16/2021	ND	0.470	94.0	0.500	0.919	
Toluene*	<0.025	0.025	09/16/2021	ND	0.445	89.0	0.500	2.11	
Ethylbenzene*	<0.025	0.025	09/16/2021	ND	0.444	88.8	0.500	0.395	
Total Xylenes*	<0.075	0.075	09/16/2021	ND	1.32	88.1	1.50	1.44	
Total BTEX	<0.150	0.150	09/16/2021	ND					

Surrogate: Dibromofluoromethane 108 % 84-115  
 Surrogate: Toluene-d8 97.0 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 89.5 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>656</b>	16.0	09/15/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	233	116	200	0.0709	
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	225	112	200	0.0205	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 77.7 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 75.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 27 ( 0-0.5' ) 1 (H212543-79)**

BTEX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	09/16/2021	ND	0.470	94.0	0.500	0.919		
Toluene*	<0.025	0.025	09/16/2021	ND	0.445	89.0	0.500	2.11		
Ethylbenzene*	<0.025	0.025	09/16/2021	ND	0.444	88.8	0.500	0.395		
Total Xylenes*	<0.075	0.075	09/16/2021	ND	1.32	88.1	1.50	1.44		
Total BTEX	<0.150	0.150	09/16/2021	ND						

Surrogate: Dibromofluoromethane 107 % 84-115  
 Surrogate: Toluene-d8 99.8 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 88.5 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>432</b>	16.0	09/15/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	233	116	200	0.0709		
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	225	112	200	0.0205		
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND						

Surrogate: 1-Chlorooctane 69.3 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 67.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	09/14/2021	Sampling Date:	09/13/2021
Reported:	09/20/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: SB - 28 ( 0-0.5' ) 1 (H212543-82)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	09/16/2021	ND	0.470	94.0	0.500	0.919	
Toluene*	<0.025	0.025	09/16/2021	ND	0.445	89.0	0.500	2.11	
Ethylbenzene*	<0.025	0.025	09/16/2021	ND	0.444	88.8	0.500	0.395	
Total Xylenes*	<0.075	0.075	09/16/2021	ND	1.32	88.1	1.50	1.44	
Total BTEX	<0.150	0.150	09/16/2021	ND					

Surrogate: Dibromofluoromethane 107 % 84-115  
 Surrogate: Toluene-d8 98.1 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 89.2 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	09/15/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	233	116	200	0.0709	
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	225	112	200	0.0205	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 75.2 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 73.2 % 38.9-142

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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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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**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: EN-CLOSURE, LLC	P.O. #:
Project Manager: BRAD ALKER	Company: EN-CLOSURE, LLC
Address: 11822 BRAD MEADOWS	Attn: DON DUNBAR
City: MEADOWS PLACE	Address: 11822 BRAD MEADOWS
State: TX Zip: 77477	City: MEADOWS PLACE
Phone #: (713) 447-2433 Fax #:	State: TX Zip: 77477
Project #:	Phone #: (713) 504-2873
Project Name: XTO PLU 28 B16 SINKS 124H	Fax #:
Project Location: <del>XXXXXXXXXX</del> LOVING, NM	
Sampler Name: BRAD ALKER	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	SAMPLING	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
H218543	SB-1 (0-0.5') 1	G	1	X						9/13/21	1050	BTEX - 8260B	
	SB-1 (2-2.5') 2	G	1	X								TPH - 8015M (GAS + DW + MRO)	
	SB-1 (3.5-4.0') 3	G	1	X								CHLORIDES - EPA 300 IN SM 4500	
	SB-2 (0-0.5') 1	G	1	X									
	SB-2 (2-2.5') 2	G	1	X									
	SB-2 (3.5-4.0') 3	G	1	X									
	SB-3 (0-0.5') 1	G	1	X									
	SB-3 (2-2.5') 2	G	1	X									
	SB-3 (3.5-4.0') 3	G	1	X									
	SB-4 (0-0.5') 1	G	1	X									

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Relinquished By: <i>Brad Alker</i>	Date: 9/14/21	Received By: <i>Don Dunbar</i>
Time: 1150		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 5.8	Corrected Temp. °C:
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>DE</i>
Thermometer ID #113	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Correction Factor: None <input checked="" type="checkbox"/> <input type="checkbox"/>
Correction Factor: None	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Correction Factor: None <input checked="" type="checkbox"/> <input type="checkbox"/>

Remarks: don.dunbar@en-closure.com, brad.alker@en-closure.com  
1 - RUN ANALYSIS ON 72-HR TX  
2 - PLACE SAMPLES ON HOLD PENDING RESULTS OF (2-2.5') INTERVAL  
3 - PLACE SAMPLES ON HOLD PENDING RESULTS OF (2-2.5') INTERVAL

Cardinal cannot accept verbal changes. Please email changes to caley.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>EN-CLOSURE, LLC</b> Project Manager: <b>BRAD ALKER</b> Address: <b>11822 BROOK MEADOWS</b> City: <b>MEADOWS PLACE</b> State: <b>TX</b> Zip: <b>77477</b> Phone #: <b>(713) 447-2433</b> Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <b>XTO PLUMBING SINKS 124 #</b> Project Location: <b>LOVING, NM</b> Sample Name: <b>BRAD ALKER</b>		<b>BILL TO</b> P.O. #: _____ Company: <b>EN-CLOSURE, LLC</b> Attn: <b>DON DUNBAR</b> Address: <b>11822 BROOK MEADOWS</b> City: <b>MEADOWS PLACE</b> State: <b>TX</b> Zip: <b>77477</b> Phone #: <b>(713) 504-2873</b> Fax #: _____		<b>ANALYSIS REQUEST</b>						
PLEASE NOTE: Liability and Damages. Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. 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.										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS	REMARKS
11	SB-4 (2-2.5') <sup>2</sup>	C	1	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :		9/13/21	1420	BTEX - 8260 B TPH - 8015 M CHLORIDES - SM4500CI-B	added 9/14/21
12	SB-4 (3.5-4.0') <sup>3</sup>	C	1	X	X			1410	X	
13	SB-5 (0-0.5') <sup>1</sup>	C	1	X	X			1405	X	
14	SB-5 (2-2.5') <sup>2</sup>	C	1	X	X			1340	X	
15	SB-5 (3.5-4.0') <sup>3</sup>	C	1	X	X				X	
16	SB-6 (0-0.5') <sup>1</sup>	C	1	X	X				X	
17	SB-6 (2-2.5') <sup>2</sup>	C	1	X	X				X	
18	SB-6 (3.5-4.0') <sup>3</sup>	C	1	X	X				X	
19	SB-7 (0-0.5') <sup>1</sup>	C	1	X	X				X	
20	SB-7 (2-2.5') <sup>2</sup>	C	1	X	X				X	
Relinquished By: <b>Brad Alker</b> Date: <b>9-14-21</b> Received By: <b>Don Dunbar</b> Date: <b>9-14-21</b> Relinquished By: _____ Date: _____ Received By: _____ Date: _____ Delivered By: (Circle One) Observed Temp. °C <b>58</b> Sample Condition <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Broken <input type="checkbox"/> Other: _____ Cooler ID #113 Correction Factor None <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Checked By: (Initials) <b>Y.E.</b> Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C _____ Corrected Temp. °C _____										

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

Don Dunbar@en-closure.com; brad.alker@en-closure.com  
 REMARKS: 1 - RAIN ANALYSIS ON 7-2-HR TAT  
 2 - PLACE SAMPLES ON HOLD PENDING RESULTS OF 6-0-5' INTER  
 3 - PLACE SAMPLES ON HOLD PENDING RESULTS OF 6-2-5' INTER





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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>ENV-CLOSURE, LLC</b>		P.O. #:		<b>BILL TO</b>		ANALYSIS REQUEST		
Project Manager: <b>BRAD ALKER</b>		Company: <b>ENV-CLOSURE, LLC</b>						
Address: <b>11822 BROOK MEADOWS</b>		Attn: <b>DON DUNBAR</b>						
City: <b>MEADOWS PLACE</b> State: <b>TX</b> Zip: <b>77477</b>		Address: <b>11822 BROOK MEADOWS</b>						
Phone #: <b>(713) 447-2433</b> Fax #:		City: <b>MEADOWS PLACE</b>						
Project #: <b>28</b> Project Owner:		State: <b>TX</b> Zip: <b>77477</b>						
Project Name: <b>XTO PLUMBING SINKS 124 #</b>		Phone #: <b>(713) 504-2873</b>						
Project Location: <b>LOVIN, NM</b>		Fax #:						
Sampler Name: <b>BRAD ALKER</b>		FOR LAB USE ONLY						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			DATE	TIME
				GROUNDWATER	WASTEWATER	SOIL		
				OIL	SLUDGE	OTHER :		
				ACID/BASE:	ICE / COOL	OTHER :		
				PRESERV.		SAMPLING		
<b>H212573</b>								
30	SB-10 (3.5-4.0') <sup>3</sup>	C 1	1	X			9/13/21	1515
31	SB-11 (0-0.5') <sup>1</sup>	C 1	1	X				1520
32	SB-11 (2-2.5') <sup>2</sup>	C 1	1	X				
33	SB-11 (3.5-4.0') <sup>3</sup>	C 1	1	X				
34	SB-12 (0-0.5') <sup>1</sup>	C 1	1	X				1530
35	SB-12 (2-2.5') <sup>2</sup>	C 1	1	X				
36	SB-12 (3.5-4.0') <sup>3</sup>	C 1	1	X				
37	SB-13 (0-0.5') <sup>1</sup>	C 1	1	X				1540
38	SB-13 (2-2.5') <sup>2</sup>	C 1	1	X				1540

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>ENV-CLOSURE, LLC</b>		P.O. #:		<b>BILL TO</b>		ANALYSIS REQUEST													
Project Manager: <b>BRAD ALKER</b>		Company: <b>ENV-CLOSURE, LLC</b>																	
Address: <b>11822 BROOK MEADOWS</b>		Attn: <b>DON DUNBAR</b>																	
City: <b>MEADOWS PLACE</b> State: <b>TX</b> Zip: <b>77477</b>		Address: <b>11822 BROOK MEADOWS</b>																	
Phone #: <b>(713) 447-2433</b> Fax #:		City: <b>MEADOWS PLACE</b>																	
Project #: <b>29</b> Project Owner:		State: <b>TX</b> Zip: <b>77477</b>																	
Project Name: <b>XTO PLUMBING SINKS 124 #</b>		Phone #: <b>(713) 504-2873</b>																	
Project Location: <b>LOVIN, NM</b>		Fax #:																	
Sampler Name: <b>BRAD ALKER</b>																			
FOR LAB USE ONLY																			
Lab I.D. <b>AB12543</b>	Sample I.D.	(G)RAB OR (C)OMP.	MATRIX	PRESERV.	SAMPLING	DATE	TIME	BTX - 8260 B	TPH - 8015 M	CHLORIDES - SM4500CI-B									
		# CONTAINERS									GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :
		39									X	X	X	X	X	X	X	X	X
		40									X	X	X	X	X	X	X	X	X
		41									X	X	X	X	X	X	X	X	X
		42									X	X	X	X	X	X	X	X	X
		43									X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X										
45	X	X	X	X	X	X	X	X	X										
46	X	X	X	X	X	X	X	X	X										
47	X	X	X	X	X	X	X	X	X										

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Relinquished By: **Brad Alker** Date: **6/14/21** Received By: **Don Dunbar** Date: **6/15/21**

Delivered By: (Circle One) Observed Temp. °C **5.8** Sample Condition Cool  Intact  Yes  No  No

Sampler - UPS - Bus - Other: Corrected Temp. °C \_\_\_\_\_

Turnaround Time: Standard  Rush  Bacteria (only) Sample Condition Cool  Intact  Yes  No  No

Thermometer ID #113 Correction Factor None

REMARKS: 1 - RAIN ANALYSIS ON 72-HR TAP  
2 - PLACE SAMPLES ON HOLD PENDING RESULTS OF 6-15-21 INTERVAL  
3 - PLACE SAMPLES ON HOLD PENDING RESULTS OF 6-25-21 INTERVAL

FOR INFORMATION: 6/27/2022 2:16:14 PM

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



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: EN-CLOSURE, LLC Project Manager: BRAD ALKER Address: 11822 BROOK MEADOWS City: MEADOWS PLACE State: TX Zip: 77477 Phone #: (713) 447-2433 Fax #: _____ Project #: 29 Project Owner: _____ Project Name: XTO PULV'316 SINKS 124 H Project Location: LOUING, NM Sampler Name: BRAD ALKER FOR LAB USE ONLY		P.O. #: _____ Company: EN-CLOSURE, LLC Attn: DON DUNBAR Address: 11822 BROOK MEADOWS City: MEADOWS PLACE State: TX Zip: 77477 Phone #: (713) 504-2873 Fax #: _____	
Relinquished By: Brad Alker Date: 4-14-21 Time: 1150 Received By: [Signature] Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide email address: _____	
Relinquished By: _____ Date: _____ Time: _____		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Thermometer ID #113 Correction Factor None <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrected Temp. °C _____	
Delivered By: (Circle One) Observed Temp. °C 5.8 Sampler - UPS - Bus - Other: Corrected Temp. °C _____ Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No CHECKED BY: [Signature] (Initials) YP		REMARKS: don.dunbar@en-closure.com; brad.alker@en-closure.com 1- RAIN ANALYSIS ON 72-HR FAT 2- PLACE SAMPLES ON HAND PENDING RESULTS OF (0-0.5') INTERV 3- PLACE SAMPLES ON HAND PENDING RESULTS OF (0-2.5') INTERV	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
48	SB-16 (3.5-4.0') <sup>3</sup>	C	1	X						9/15/21	1625	BTEX - 8260 B
49	SB-17 (0-0.5') <sup>1</sup>	C	1	X						9/15/21	1620	TPH - 8015 M
50	SB-17 (2-2.5') <sup>2</sup>	C	1	X								CHLORIDES - SM 4500 CI - B
51	SB-17 (3.5-4.0') <sup>3</sup>	C	1	X								
52	SB-18 (0-0.5') <sup>1</sup>	C	1	X								
53	SB-18 (2-2.5') <sup>2</sup>	C	1	X								
54	SB-18 (3.5-4.0') <sup>3</sup>	C	1	X								
55	SB-19 (0-0.5') <sup>1</sup>	C	1	X								
56	SB-19 (2-2.5') <sup>2</sup>	C	1	X								

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

Company Name: EN-CLOSURE, LLC  
 Project Manager: BRAD ALKER  
 Address: 11822 BROOK MEADOWS  
 City: MEADOWS PLACE State: TX Zip: 77477  
 Phone #: (713) 447-2433 Fax #:  
 Project #: 24 Project Owner:  
 Project Name: XTO PLUMBING SINKS 124 #  
 Project Location: LOUING, NM  
 Sampler Name: BRAD ALKER  
 P.O. #: Company: EN-CLOSURE, LLC  
 Attn: DON DUNBAR  
 Address: 11822 BROOK MEADOWS  
 City: MEADOWS PLACE State: TX Zip: 77477  
 Phone #: (713) 504-2873 Fax #:

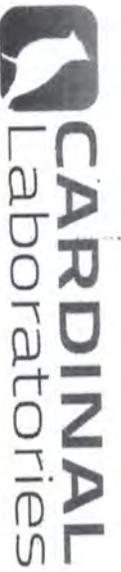
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
4218543	S13-19 (3.5-4.0') <sup>3</sup>	C	1	X						9/15/21	1605	BTEX - 8260 B
58	S13-20 (0-0.5') <sup>1</sup>	C	1	X						1555		TPH - 8015 M
59	S13-20 (2-2.5') <sup>2</sup>	C	1	X								CHLORIDES - SM4500CI-B
60	S13-20 (3.5-4.0') <sup>3</sup>	C	1	X								
61	S13-21 (0-0.5') <sup>1</sup>	C	1	X							1320	
62	S13-21 (2-2.5') <sup>2</sup>	C	1	X								
63	S13-21 (3.5-4.0') <sup>3</sup>	C	1	X								
64	S13-22 (0-0.5') <sup>1</sup>	C	1	X							0955	
65	S13-22 (2-2.5') <sup>2</sup>	C	1	X								

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Reinquinshed By: *Brad Alker*  
 Date: 9/14/21  
 Time: 1150  
 Received By: *Don Dunbar*  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C 5.8  
 Sampler - UPS - Bus - Other: Corrected Temp. °C  
 Sample Condition: Cool  Intact   
 Checked By: (Initials) *DA*  
 Turnaround Time: Standard  Rush   
 Bacteria (only) Sample Condition: Cool  Intact   
 Corrected Temp. °C

REMARKS: 1 - RAIN ANALYSIS ON 72-HR TAT  
 2 - PLACE SAMPLES ON HOLD PENDING RESULTS OF 6-2.5' INTERVAL  
 3 - PLACE SAMPLES ON HOLD PENDING RESULTS OF 6-2.5' INTERVAL



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: EN-CLOSURE, LLC Project Manager: BRAD ALKER Address: 11822 BROOK MEADOWS City: MEADOWS PLACE State: TX Zip: 77477 Phone #: (713) 447-2433 Fax #: _____ Project #: _____ Project Owner: _____ Project Name: XTO PULTRUSIC SINKS 124 H Project Location: LOVIN, NM Sampler Name: BRAD ALKER FOR LAB USE ONLY		<b>BILL TO</b> P.O. #: _____ Company: EN-CLOSURE, LLC Attn: DON DUNBAR Address: 11822 BROOK MEADOWS City: MEADOWS PLACE State: TX Zip: 77477 Phone #: (713) 504-2873 Fax #: _____	
Lab I.D. Sample I.D.		MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
PREPARED BY: _____ DATE: _____ TIME: _____		PRESERV. SAMPLING	
Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____		ANALYSIS REQUEST	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	REMARKS
H12543	SB-22 (3.5-4.0') <sup>3</sup>	C	1	X			9/13/21	0955	BTEX - 8260 B
67	SB-23 (0-0.5') <sup>1</sup>	C	1	X				1120	TPH - 8015 M
68	SB-23 (2-2.5') <sup>2</sup>	C	1	X					CHLORIDES - SM 4500 CI - B
69	SB-23 (3.5-4.0') <sup>3</sup>	C	1	X					
70	SB-24 (0-0.5') <sup>1</sup>	C	1	X					
71	SB-24 (2-2.5') <sup>2</sup>	C	1	X					
72	SB-24 (3.5-4.0') <sup>3</sup>	C	1	X					
73	SB-25 (0-0.5') <sup>1</sup>	C	1	X					
74	SB-25 (2-2.5') <sup>2</sup>	C	1	X					

Relinquished By: <u>Brad Alker</u> Date: <u>9/14/21</u> Time: <u>1150</u>	Received By: <u>Don Dunbar</u> Date: _____ Time: _____
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____	Observed Temp. °C: <u>5.8</u> Corrected Temp. °C: _____
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: (Initials) <u>YD</u>
Turnaround Time: _____ Thermometer ID #113 _____ Correction Factor None <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Bacteria (only) Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: _____ Corrected Temp. °C: _____

REMARKS: DON DUNBAR@EN-CLOSURE.COM; BRAD ALKER@EN-CLOSURE.COM  
 1 - RAIN ANALYSIS ON 7/2-HR TAT  
 2 - PLACE SAMPLES ON HOLD PENDING RESULTS OF 6-20.5' INTERVAL  
 3 - PLACE SAMPLES ON HOLD PENDING RESULTS OF 6-2.5' INTERVAL



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>EN-CLOSURE, LLC</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>					
Project Manager: <b>BRAD ALKER</b>		P.O. #:							
Address: <b>11822 BROOK MEADOWS</b>		Company: <b>EN-CLOSURE, LLC</b>							
City: <b>MEADOWS PLACE</b> State: <b>TX</b> Zip: <b>77477</b>		Attn: <b>DON DUNBAR</b>							
Phone #: <b>(713) 447-2433</b> Fax #:		Address: <b>11822 BROOK MEADOWS</b>							
Project #: <b>28</b> Project Owner:		City: <b>MEADOWS PLACE</b>							
Project Name: <b>XTO PLUMBING SINKS 124 #</b>		State: <b>TX</b> Zip: <b>77477</b>							
Project Location: <b>LOVIN, NM</b>		Phone #: <b>(713) 504-2873</b>							
Sampler Name: <b>BRAD ALKER</b>		Fax #:							
FOR LAB USE ONLY		MATRIX		SAMPLING					
Lab I.D. <b>H212543</b>	Sample I.D.	(G)RAB OR (C)OMP.			DATE	TIME	BTX - 8260 B	TPH - 8015 M	CHLORIDES - SM4500CI-B
		# CONTAINERS							
		GROUNDWATER							
		WASTEWATER							
		SOIL							
		OIL							
		SLUDGE							
		OTHER :							
		ACID/BASE:							
		ICE / COOL							
OTHER :									
PRESERV		SAMPLING							
75	SB-25 (3.5-4.0)' <sup>3</sup>	C	1	X	9/13/21	1135	X	X	X
76	SB-26 (0-0.5)' <sup>1</sup>	C	1	X		1140	X	X	X
77	SB-26 (2-2.5)' <sup>2</sup>	C	1	X			X	X	X
78	SB-26 (3.5-4.0)' <sup>3</sup>	C	1	X			X	X	X
79	SB-27 (0-0.5)' <sup>1</sup>	C	1	X			X	X	X
80	SB-27 (2-2.5)' <sup>2</sup>	C	1	X			X	X	X
81	SB-27 (3.5-4.0)' <sup>3</sup>	C	1	X			X	X	X
82	SB-28 (0-0.5)' <sup>1</sup>	C	1	X			X	X	X
83	SB-28 (2-2.5)' <sup>2</sup>	C	1	X			X	X	X





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October 07, 2021

DON DUNBAR

EN-CLOSURE, LLC

11822 BROOK MEADOWS

MEADOWSPPLACE, TX 77477

RE: BIG SINKS

Enclosed are the results of analyses for samples received by the laboratory on 10/05/21 9:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

EN-CLOSURE, LLC  
 DON DUNBAR  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/05/2021	Sampling Date:	10/04/2021
Reported:	10/07/2021	Sampling Type:	Soil
Project Name:	BIG SINKS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

**Sample ID: SB - 29 0-0.5' (H212749-01)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/06/2021	ND	0.517	103	0.500	5.13	
Toluene*	<0.025	0.025	10/06/2021	ND	0.529	106	0.500	2.55	
Ethylbenzene*	<0.025	0.025	10/06/2021	ND	0.542	108	0.500	3.49	QR-03
Total Xylenes*	<0.075	0.075	10/06/2021	ND	1.59	106	1.50	4.93	
Total BTEX	<0.150	0.150	10/06/2021	ND					

Surrogate: Dibromofluoromethane 96.5 % 84-115  
 Surrogate: Toluene-d8 102 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 98.0 % 85.1-109

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/05/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2021	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	10/05/2021	ND	207	103	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/05/2021	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 75.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 DON DUNBAR  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/05/2021	Sampling Date:	10/04/2021
Reported:	10/07/2021	Sampling Type:	Soil
Project Name:	BIG SINKS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

**Sample ID: SB - 30 0-0.5' (H212749-02)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/06/2021	ND	0.517	103	0.500	5.13	
Toluene*	<0.025	0.025	10/06/2021	ND	0.529	106	0.500	2.55	
Ethylbenzene*	<0.025	0.025	10/06/2021	ND	0.542	108	0.500	3.49	
Total Xylenes*	<0.075	0.075	10/06/2021	ND	1.59	106	1.50	4.93	
Total BTEX	<0.150	0.150	10/06/2021	ND					

Surrogate: Dibromofluoromethane 96.2 % 84-115  
 Surrogate: Toluene-d8 103 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 98.4 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>368</b>	16.0	10/05/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2021	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	10/05/2021	ND	207	103	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/05/2021	ND					

Surrogate: 1-Chlorooctane 74.1 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 71.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 DON DUNBAR  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/05/2021	Sampling Date:	10/04/2021
Reported:	10/07/2021	Sampling Type:	Soil
Project Name:	BIG SINKS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

**Sample ID: SB - 31 0-0.5' (H212749-03)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/06/2021	ND	0.517	103	0.500	5.13	
Toluene*	<0.025	0.025	10/06/2021	ND	0.529	106	0.500	2.55	
<b>Ethylbenzene*</b>	<b>0.036</b>	0.025	10/06/2021	ND	0.542	108	0.500	3.49	
Total Xylenes*	<0.075	0.075	10/06/2021	ND	1.59	106	1.50	4.93	
Total BTEX	<0.150	0.150	10/06/2021	ND					

Surrogate: Dibromofluoromethane 95.0 % 84-115  
 Surrogate: Toluene-d8 102 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 96.9 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>752</b>	16.0	10/05/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2021	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	10/05/2021	ND	207	103	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/05/2021	ND					

Surrogate: 1-Chlorooctane 73.9 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 70.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 DON DUNBAR  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/05/2021	Sampling Date:	10/04/2021
Reported:	10/07/2021	Sampling Type:	Soil
Project Name:	BIG SINKS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

**Sample ID: SB - 32 0-0.5' (H212749-04)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/06/2021	ND	0.517	103	0.500	5.13	
<b>Toluene*</b>	<b>0.201</b>	0.025	10/06/2021	ND	0.529	106	0.500	2.55	
<b>Ethylbenzene*</b>	<b>0.488</b>	0.025	10/06/2021	ND	0.542	108	0.500	3.49	
<b>Total Xylenes*</b>	<b>0.524</b>	0.075	10/06/2021	ND	1.59	106	1.50	4.93	
<b>Total BTEX</b>	<b>1.21</b>	0.150	10/06/2021	ND					

Surrogate: Dibromofluoromethane 95.7 % 84-115  
 Surrogate: Toluene-d8 103 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 100 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>13800</b>	16.0	10/05/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>10.1</b>	10.0	10/06/2021	ND	214	107	200	3.15	
<b>DRO &gt;C10-C28*</b>	<b>632</b>	10.0	10/06/2021	ND	207	103	200	2.59	
<b>EXT DRO &gt;C28-C36</b>	<b>627</b>	10.0	10/06/2021	ND					

Surrogate: 1-Chlorooctane 77.3 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 70.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 DON DUNBAR  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/05/2021	Sampling Date:	10/04/2021
Reported:	10/07/2021	Sampling Type:	Soil
Project Name:	BIG SINKS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

**Sample ID: SB - 33 0-0.5' (H212749-05)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/06/2021	ND	0.517	103	0.500	5.13	
<b>Toluene*</b>	<b>0.115</b>	0.025	10/06/2021	ND	0.529	106	0.500	2.55	
<b>Ethylbenzene*</b>	<b>0.252</b>	0.025	10/06/2021	ND	0.542	108	0.500	3.49	
<b>Total Xylenes*</b>	<b>0.280</b>	0.075	10/06/2021	ND	1.59	106	1.50	4.93	
<b>Total BTEX</b>	<b>0.647</b>	0.150	10/06/2021	ND					

Surrogate: Dibromofluoromethane 96.9 % 84-115  
 Surrogate: Toluene-d8 102 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 98.9 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1760</b>	16.0	10/05/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2021	ND	214	107	200	3.15	
<b>DRO &gt;C10-C28*</b>	<b>105</b>	10.0	10/06/2021	ND	207	103	200	2.59	
<b>EXT DRO &gt;C28-C36</b>	<b>60.6</b>	10.0	10/06/2021	ND					

Surrogate: 1-Chlorooctane 77.1 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 74.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 DON DUNBAR  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/05/2021	Sampling Date:	10/04/2021
Reported:	10/07/2021	Sampling Type:	Soil
Project Name:	BIG SINKS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

**Sample ID: SB - 34 0-0.5' (H212749-06)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/06/2021	ND	0.517	103	0.500	5.13	
<b>Toluene*</b>	<b>0.129</b>	0.025	10/06/2021	ND	0.529	106	0.500	2.55	
<b>Ethylbenzene*</b>	<b>0.309</b>	0.025	10/06/2021	ND	0.542	108	0.500	3.49	
<b>Total Xylenes*</b>	<b>0.361</b>	0.075	10/06/2021	ND	1.59	106	1.50	4.93	
<b>Total BTEX</b>	<b>0.799</b>	0.150	10/06/2021	ND					

Surrogate: Dibromofluoromethane 95.6 % 84-115  
 Surrogate: Toluene-d8 101 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 99.3 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>6240</b>	16.0	10/05/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2021	ND	224	112	200	3.51	
<b>DRO &gt;C10-C28*</b>	<b>142</b>	10.0	10/05/2021	ND	221	111	200	2.80	
<b>EXT DRO &gt;C28-C36</b>	<b>80.2</b>	10.0	10/05/2021	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 72.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 DON DUNBAR  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/05/2021	Sampling Date:	10/04/2021
Reported:	10/07/2021	Sampling Type:	Soil
Project Name:	BIG SINKS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

**Sample ID: SB - 35 0-0.5' (H212749-07)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.183</b>	0.025	10/06/2021	ND	0.517	103	0.500	5.13	
<b>Toluene*</b>	<b>0.139</b>	0.025	10/06/2021	ND	0.529	106	0.500	2.55	
<b>Ethylbenzene*</b>	<b>0.222</b>	0.025	10/06/2021	ND	0.542	108	0.500	3.49	
<b>Total Xylenes*</b>	<b>0.230</b>	0.075	10/06/2021	ND	1.59	106	1.50	4.93	
<b>Total BTEX</b>	<b>0.774</b>	0.150	10/06/2021	ND					

Surrogate: Dibromofluoromethane 96.9 % 84-115  
 Surrogate: Toluene-d8 101 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 97.7 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>10400</b>	16.0	10/05/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2021	ND	224	112	200	3.51	
<b>DRO &gt;C10-C28*</b>	<b>181</b>	10.0	10/05/2021	ND	221	111	200	2.80	
<b>EXT DRO &gt;C28-C36</b>	<b>83.5</b>	10.0	10/05/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 82.9 % 38.9-142

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**Analytical Results For:**

EN-CLOSURE, LLC  
 DON DUNBAR  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/05/2021	Sampling Date:	10/04/2021
Reported:	10/07/2021	Sampling Type:	Soil
Project Name:	BIG SINKS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

**Sample ID: SB - 36 0-0.5' (H212749-08)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/06/2021	ND	0.517	103	0.500	5.13	
<b>Toluene*</b>	<b>0.065</b>	0.025	10/06/2021	ND	0.529	106	0.500	2.55	
<b>Ethylbenzene*</b>	<b>0.134</b>	0.025	10/06/2021	ND	0.542	108	0.500	3.49	
<b>Total Xylenes*</b>	<b>0.147</b>	0.075	10/06/2021	ND	1.59	106	1.50	4.93	
<b>Total BTEX</b>	<b>0.345</b>	0.150	10/06/2021	ND					

Surrogate: Dibromofluoromethane 97.3 % 84-115  
 Surrogate: Toluene-d8 102 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 99.2 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>12300</b>	16.0	10/05/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2021	ND	224	112	200	3.51	
<b>DRO &gt;C10-C28*</b>	<b>76.1</b>	10.0	10/05/2021	ND	221	111	200	2.80	
<b>EXT DRO &gt;C28-C36</b>	<b>54.2</b>	10.0	10/05/2021	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 77.2 % 38.9-142

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Notes and Definitions

- 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 LCS/D recovery and/or RPD values.
- 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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*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: en-closure		P.O. #:		<b>BILL TO</b>		ANALYSIS REQUEST														
Project Manager: Don Dunbar		Company:																		
Address: 11822 Brook Meadows		Attn:																		
City: MeadowsPlace State: TX zip: 77477		Address:																		
Phone #: 713.504.2873 Fax #:		City:																		
Project #: Project Owner: EOG		State:																		
Project Name: Big Sinks		Phone #:																		
Project Location: Eddy County, NM		Fax #:																		
Sampler Name: James Carnes		PRESERV:		SAMPLING																
FOR LAB USE ONLY																				
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	Chlorides	SM4500CL-B	TPH	8015M DR06GRO	BTEX	8260B
H218749	1 SB-29 0-0.5'	9	1			X							10-4-21	11:50	X		X			
	2 SB-30 0-0.5'	5	1			X							10-4-21	11:55	X		X			
	3 SB-31 0-0.5'	7	1			X							10-4-21	12:00	X		X			
	4 SB-32 0-0.5'	5	1			X							10-4-21	12:05	X		X			
	5 SB-33 0-0.5'	5	1			X							10-4-21	12:10	X		X			
	6 SB-34 0-0.5'	5	1			X							10-4-21	12:15	X		X			
	7 SB-35 0-0.5'	5	1			X							10-4-21	12:20	X		X			
	8 SB-36 0-0.5'	5	1			X							10-4-21	12:25	X		X			

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. 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 interruption, loss of use, or loss of profit 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: *[Signature]* Date: 10-5-21  
 Received By: *[Signature]* Date: 10-5-21  
 Time: 0940

Delivered By: (Circle One) 6.30/10-0.5  
 Sampler - UPS - Bus - Other: 5.80 #113  
 Sample Condition: Cool  Intact   
 CHECKED BY: *[Signature]* (Initials) VD

REMARKS: Email preliminary results and EDD to don.dunbar@en-closure.com

Phone Result:  Yes  No  Add'l Phone #:  
 Fax Result:  Yes  No  Add'l Fax #:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

en-closure

NexTier  
XTO PLU 28 Big Sinks 124H  
Lovington, NM  
Photo Log 10/2021



Photo 1. View of bulldozer scraping impacted soil in the area of excavation



Photo 2. North view of scraped soil pile during remediation activities

en-closure

NexTier  
XTO PLU 28 Big Sinks 124H  
Lovington, NM  
Photo Log 10/2021



Photo 3. View to the southwest of the area of excavation



Photo 4. View to west of stockpiled impacted soil from remediation activities

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NexTier  
XTO PLU 28 Big Sinks 124H  
Lovington, NM  
Photo Log 10/2021



Photo 5. View the south of the area of excavation upon completion of soil remediation



Photo 6. View to the southwest of excavated area and stockpiled soil

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NexTier  
XTO PLU 28 Big Sinks 124H  
Lovington, NM  
Photo Log 10/2021



Photo 7. View to the southwest of excavated area and backfill material prior to backfill



Photo 8. View to the east of the area of excavation prior to backfilling

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XTO PLU 28 Big Sinks 124H  
Lovington, NM  
Photo Log 10/2021



Photo 9. View of excavated area prior to collection of confirmation sample CS-12A



Photo 10. View of excavated area prior to collection of confirmation sample CS-9A

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NexTier  
XTO PLU 28 Big Sinks 124H  
Lovington, NM  
Photo Log 10/2021



Photo 11. View of the excavated area prior to collection of confirmation sample CS-6A



Photo 12. View of the excavated area prior to collection of confirmation sample CS-5A

en-closure

NexTier  
XTO PLU 28 Big Sinks 124H  
Lovington, NM  
Photo Log 10/2021



Photo 13. View of excavated area prior to collection of confirmation sample CS-2A



Photo 14. View to the south of front-end loader during backfilling operations

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NexTier  
XTO PLU 28 Big Sinks 124H  
Lovington, NM  
Photo Log 10/2021



Photo 15. View to the southwest of backfill operations



Photo 16. View of area of excavation following backfill

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NexTier  
XTO PLU 28 Big Sinks 124H  
Lovington, NM  
Photo Log 10/2021



Photo 17. View to the southwest of the area of excavation following backfill operations



Photo 18. View to the southeast of the area of excavation following backfill operations



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Man Contact Information Name Brian Searcy Phone No. 817-307-7668

GENERATOR

NO. 234226

Operator No. Operators Name Sax Environmental Address 1420 Hughie Long Rd. City, State, Zip Creston TX, 76035 Phone No. 817-307-7668

Permit/RRC No. Lease/Well Name & No. PLU 28 Pad B (Big Sink) County Eddy API No. 30,015-48953 Rig Name & No. AFE/PO No.

Table with columns for waste types (Oil Based Muds, Water Based Muds, etc.), Non-Injectable Waters, and Other Exempt Wastes. Includes checkboxes for waste generation processes: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES.

Table for Non-Exempt E&P Waste identification and amount. Includes fields for QUANTITY (15), B - BARRELS, Y - YARDS, and E - EACH.

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.
MSDS Information, RCRA Hazardous Waste Analysis, Other (Provide Description Below)

Brian Searcy (PRINT) AUTHORIZED AGENTS SIGNATURE

10/27/21 DATE

Signature

TRANSPORTER

Transporter's Name Rico & Sons/Madison Material Address 20 Show Low Trk Loving Wm. Phone No. 88256

Driver's Name Manuel Rico Print Name Manuel Rico Phone No. 88256 Truck No. 01 / WHP 6332

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

Table with columns for SHIPMENT DATE, DRIVER'S SIGNATURE, DELIVERY DATE, DRIVER'S SIGNATURE, TRUCK TIME STAMP (IN: 11:56 AM, OUT:), DISPOSAL FACILITY, RECEIVING AREA (Name/No. D1)

Site Name/ Permit No. Red Bluff Facility/ STF-065 Address 5053 US Highway 285, Orla, TX 79770 Phone No. 432-448-4239 NORM READINGS TAKEN? (Circle One) YES NO 9 If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

Table for Tank Bottoms with columns for Feet, Inches, 1st Gauge, 2nd Gauge, Received, BS&W/DBLS Received, Free Water, Total Received, BS&W (%).

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? Receiver Signature J M



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Company Man Contact Information

Name Brian Searcy  
Phone No. 817 707 7608

**GENERATOR**

NO. 234235

Operator No. \_\_\_\_\_  
Operators Name SPUX Environ Mental  
Address 1420 Highway Long Rd  
City, State, Zip Cresson TX 76035  
Phone No. 817-707-7668

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. PLU 28 Pod 13 (319 sim/c)  
County \_\_\_\_\_  
API No. EDDY  
Rig Name & No. 30-015-48953  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)		
Oil Based Muds _____	<b>NON-INJECTABLE WATERS</b>	<u>Belly</u>
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	
Water Based Muds _____	Completion Fluid/Flow back (Non-Injectable) _____	
Water Based Cuttings _____	Produced Water (Non-Injectable) _____	
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	
Tank Bottoms _____	<b>INTERNAL USE ONLY</b>	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
Gas Plant Waste _____		
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> GATHERING LINES		

**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P wastes must be analysed and be below the threshold limits for toxicity (TCLP), ignitability, corrosivity and reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 15 B - BARRELS Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)

Brian Searcy (PRINT) AUTHORIZED AGENTS SIGNATURE      10/27/21 DATE      [Signature] SIGNATURE

**TRANSPORTER**

Transporter's Name Rico & Son's/Madison Materials Driver's Name Ruban Veedin  
Address 20 Show Low Trl Loving Nm: 88251 Print Name \_\_\_\_\_  
Phone No. \_\_\_\_\_ Phone No. 15 / WHP 6332  
Truck No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____	DRIVER'S SIGNATURE _____	DELIVERY DATE _____	DRIVER'S SIGNATURE _____
<b>TRUCK TIME STAMP</b> IN: <u>11:56 AM</u> OUT: _____		<b>DISPOSAL FACILITY:</b>	
Site Name/ Permit No. <u>Red Bluff Facility/ STF-065</u>		Phone No. <u>432-448-4239</u>	
Address <u>5053 US Highway 285, Orla, TX 79770</u>			
NORM READINGS TAKEN? (Circle One) <u>YES</u>		If YES, was reading > 50 micro roentgens? (circle one) YES <u>NO</u>	
Chemical Analysis (Mg/l) Chloride _____		Conductivity (mmhos/cm) _____	
pH _____		pH _____	

**TANK BOTTOMS**

Feet	Inches	B5&W/BDLS Received	B5&W (%)
1st Gauge		Free Water	
2nd Gauge		Total Received	
Received			

I hereby certify that the above load material has been (circle one): ACCEPTED 10/27/21 DATE      Received TITLE      [Signature] SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Man C

Name Brian

Phone No. 817-307-1668

**GENERATOR** NO. 234228

Operator No. 1 Permit/RRC No. PW 28 pad B (Big Sink)  
 Operators Name Spr Environmental Lease/Wall Name & No. PW 28 pad B (Big Sink)  
 Address 4700 Highway Long Rd. County 30-015-48957  
 City, State, Zip Cresson, TX 76035 API No. 30-015-48957  
 Phone No. 817-307-1668 Rig Name & No.   
 AFE/PO No.

**EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)**

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings	Washout Water (Non-Injectable)	<u>Belly</u>
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY	
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

**NON-EXEMPT E&P Waste/Service Identification and Amount**  
 All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity.

Non-Exempt Other  \*please select from Non-Exempt Waste List on back

QUANTITY 15 B - BARRELS 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)

Brian Seary 10/27/21 [Signature]  
 (PRINT) AUTHORIZED AGENT'S SIGNATURE DATE SIGNATURE

**TRANSPORTER**

Transporter's Name Bighorn Transport 6052 / Madison Material 6332 Driver's Name Hector Lopez  
 Address 2020 N ROBERT RD Print Name   
HOBBS, NM Phone No.   
 Phone No.  Truck No. 100

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 10/27/21 DRIVER'S SIGNATURE [Signature] DELIVERY DATE 10/27/21 DRIVER'S SIGNATURE [Signature]

**TRUCK TIME STAMP** **DISPOSAL FACILITY** **RECEIVING AREA**  
 IN: 11:20am OUT:  Name/No. D1

Site Name/ Permit No. Red Bluff Facility/ STF-065 Phone No. 432-448-4239  
 Address 5053 US Highway 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO 9 If YES, was reading > 50 micro roentgens? (circle one) YES NO  
 Chloride Conductivity (mmhos/cm)  pH   
 Chemical Analysis (Mg/l)

**TANK BOTTOMS**

1st Gauge	2nd Gauge	Received	Feet	Inches	BS&W/BLS Received	Free Water	Total Received	BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Jorge Garcia 10/27/21 Receiver [Signature]  
 NAME (PRINT) DATE TITLE SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Man Contact Information Name Brian Searcy Phone No. 817-307-7668

GENERATOR

NO. 234229

Operator No. \_\_\_\_\_ Operators Name Spr Environmental Address 1420 Hughie Long rd. City, State, Zip Cresson, TX, 76035 Phone No. 817-307-7668

Permit/ARC No. \_\_\_\_\_ Lease/Well Name & No. PLU 28 pad B (Big Sink) County E104 API No. 30-015-48953 Rig Name & No. \_\_\_\_\_ AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)
Oil Based Muds \_\_\_\_\_
Oil Based Cuttings \_\_\_\_\_
Water Based Muds \_\_\_\_\_
Water Based Cuttings \_\_\_\_\_
Produced Formation Solids \_\_\_\_\_
Tank Bottoms \_\_\_\_\_
E&P Contaminated Soil 
Gas Plant Waste \_\_\_\_\_
NON-INJECTABLE WATERS
Washout Water (Non-Injectable) \_\_\_\_\_
Completion Fluid/Flow back (Non-Injectable) \_\_\_\_\_
Produced Water (Non-Injectable) \_\_\_\_\_
Gathering Line Water/Waste (Non-Injectable) \_\_\_\_\_
INTERNAL USE ONLY
Truck Washout (exempt waste) \_\_\_\_\_
OTHER EXEMPT WASTES (type and generation process of the waste) Bully
WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignitability, corrosivity and reactivity.
Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back
QUANTITY 15 B - BARRELS Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
 RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
 MSDS Information  RCRA Hazardous Waste Analysis  Other (Provide Description Below)

Brian Searcy (PRINT) AUTHORIZED AGENTS SIGNATURE 10/27/21 DATE [Signature] SIGNATURE

TRANSPORTER
Transporter's Name Bighorn Transport / Madison Material Driver's Name NOR Corral
Address Robert Rd Hobbs N.M Print Name \_\_\_\_\_
Phone No. 575 631-2386 Phone No. \_\_\_\_\_
Truck No. 104 Truck No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
SHIPMENT DATE NOR Corral DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE NOR Corral DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: 11:20am OUT: \_\_\_\_\_
DISPOSAL FACILITY \_\_\_\_\_ RECEIVING AREA Name/No. D1
Site Name/ Permit No. Red Bluff Facility/ STF-065 Phone No. 432-448-4239
Address 5053 US Highway 285, Orla, TX 79770
NORM READINGS TAKEN? (Circle One) YES NO 9 If YES, was reading > 50 micro rontgens? (circle one) YES NO
Chemical Analysis (Mg/l) \_\_\_\_\_ Conductivity (mMhos/cm) \_\_\_\_\_ pH \_\_\_\_\_

TANK BOTTOMS
Feet \_\_\_\_\_ Inches \_\_\_\_\_
1st Gauge \_\_\_\_\_ 2nd Gauge \_\_\_\_\_ Received \_\_\_\_\_
BS&W/BBLs Received \_\_\_\_\_ BS&W (%) \_\_\_\_\_
Free Water \_\_\_\_\_
Total Received \_\_\_\_\_

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?
Jorge Garcia (PRINT) DATE 10/27/21 TITLE Receiver SIGNATURE [Signature]



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT) 'REQUIRED INFORMATION'

Company Man Contact Information

Name Brian Seary Phone No. 817-307-7668

GENERATOR

NO. 234227

Operator No. Operators Name Spur Environmental Address 1420 Hughie Long Rd City, State, Zip Creston, TX, 76035 Phone No. 817-307-7668

Permit/RRC No. Lease/Well Name & No. PW 28 Pad B (Big Sink) County Fddy API No. 30-065-48953 Rig Name & No. AFE/PO No.

Table with columns: Oil Based Muds, NON-INJECTABLE WATERS, OTHER EXEMPT WASTES. Includes checkboxes for WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES.

NON-EXEMPT E&P Waste/Service Identification and Amount. Includes fields for QUANTITY 15, B - BARRELS, Y - YARDS, E - EACH.

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations... RCRA NON-EXEMPT: Oil field waste which is non-hazardous... MSDS Information, RCRA Hazardous Waste Analysis, Other (Provide Description Below)

Signature: Brian Seary (PRINT) AUTHORIZED AGENTS SIGNATURE Date: 10/27/21

TRANSPORTER. Transporter's Name: Bighorn Transport 8052 / Madison Material 6332. Driver's Name: Enrique olivas ochoa. Address: 2020 N ROBERT RD, HOBBS NM. Phone No. 108.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

TRUCK TIME STAMP: IN: 11:20 am, OUT: . DISPOSAL FACILITY: Red Bluff Facility/ STF-065. RECEIVING AREA: Name/No. 81. NORM READINGS TAKEN? (Circle One) 9. If YES, was reading > 50 micro roentgens? (circle one) YES. Chemical Analysis (Mg/l) Chloride.

TANK BOTTOMS. Table with columns: Feet, Inches, BS&W/BBLS Received, Free Water, Total Received, BS&W (%).

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? Signature: Jorge Garcia, Date: 10/27/21, Title: Receiver.



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Man Contact Information Name BRIAN SEARCY Phone No. 817-307-7668

GENERATOR

NO. 234236

Operator No. \_\_\_\_\_ Operators Name SPUR ENVIRONMENTAL Address 1480 HUGHIE LANE RD City, State, Zip CRESSON, TX 76035 Phone No. 817-307-7668

Permit/RRC No. Lease/Well Name & No. PLU 28 PAD B (BIG SINK) County 30-015-48953 API No. \_\_\_\_\_ Rig Name & No. \_\_\_\_\_ AFE/PO No. \_\_\_\_\_

Table with columns for Waste Type (Oil Based Muds, Water Based Muds, etc.), Quantity, and Generation Process (Drilling, Completion, Production, Gathering Lines). Includes handwritten 'Belly' in the 'OTHER EXEMPT WASTES' section.

NON-EXEMPT E&P Waste/Service Identification and Amount. All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), ignitability, corrosivity and reactivity.

QUANTITY 15 B - BARRELS Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA-EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.
MSDS Information
RCRA Hazardous Waste Analysis
Other (Provide Description Below)

Signature: Brian Searcy (PRINT) AUTHORIZED AGENTS SIGNATURE DATE: 10/27/21 SIGNATURE: \_\_\_\_\_

TRANSPORTER

Transporter's Name Bighorn Transport 4052 / Madison Material 6332 Driver's Name Israel H Print Name Israel H Address \_\_\_\_\_ Phone No. 575 552 6162 Phone No. 575 552 6162 Truck No. 102

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE 10/27/21 DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: 7:22 PM OUT: \_\_\_\_\_ DISPOSAL FACILITY \_\_\_\_\_ RECEIVING AREA Name/No. D1

Site Name/ Permit No. Red Bluff Facility/ STF-065 Address 5053 US Highway 285, Orla, TX 79770 Phone No. 432-448-4239 NORM READINGS TAKEN? (Circle One) YES 9 If YES, was reading > 50 micro roentgens? (circle one) YES NO Chemical Analysis (Mg/l) \_\_\_\_\_ Conductivity (mmhos/cm) \_\_\_\_\_ pH \_\_\_\_\_

TANK BOTTOMS

Table with columns for Gauge (1st, 2nd), Feet, Inches, B&W/DBLS Received, Free Water, Total Received, B&W (%).

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_ Signature: Jorge Garcia (PRINT) DATE: 10/27/21 TITLE: Receiver SIGNATURE: \_\_\_\_\_



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Man Contact Information

Name BRIAN SEARLEY Phone No. 817-307-7669

**GENERATOR** NO. 234234

Operator No. \_\_\_\_\_

Operators Name SPUR ENVIRONMENTAL

Address 1420 HUGHES LOMA RD

City, State, Zip LEWISON, TX 76035

Phone No. 817-307-7669

Permit/ARC No. \_\_\_\_\_

Lease/Well Name & No. PLW 20 PAD B (BIG SINK)

County 30-015-48953

API No. \_\_\_\_\_

Rig Name & No. \_\_\_\_\_

AFF/PO No. \_\_\_\_\_

**EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)**

Oil Based Muds	_____	<b>NON-INJECTABLE WATERS</b>	Washout Water (Non-Injectable)	_____	<b>OTHER EXEMPT WASTES (type and generation process of the waste)</b>
Oil Based Cuttings	_____		Completion Fluid/Flow back (Non-Injectable)	_____	
Water Based Muds	_____		Produced Water (Non-Injectable)	_____	
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____	
Produced Formation Solids	_____		<b>INTERNAL USE ONLY</b>	_____	
Tank Bottoms	_____		Truck Washout (exempt waste)	_____	
E&P Contaminated Soil	_____				
Gas Plant Waste	_____				

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignitability, corrosivity and reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 15 B - BARRELS Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

MSDS Information  RCRA Hazardous Waste Analysis  Other (Provide Description Below)

Brian Searley 6/27/21 [Signature]

**TRANSPORTER**

Transporter's Name Bighorn Transport 8054 / Madison Material 632 Driver's Name MARTIN RODRIGUEZ

Address ROBERT ROAD 1824 Print Name \_\_\_\_\_

Phone No. HOBBS N.M. Phone No. 575 631 2279

Truck No. 106

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE 6/27/21 SIGNATURE [Signature]

**TRUCK TIME STAMP** IN: 3:04 PM OUT: \_\_\_\_\_

**DISPOSAL FACILITY:** **RECEIVING AREA** Name/No. D1

Site Name/Permit No. Red Bluff Facility/ STF-065 Phone No. 432-448-4239

Address 5053 US Highway 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES 9 If YES, was reading > 80 micro roentgens? (circle one) YES NO

Chemical Analysis (Mg/l) Chloride \_\_\_\_\_ Conductivity (mmhos/cm) \_\_\_\_\_ pH \_\_\_\_\_

**TANK BOTTOMS**

Feet	Inches	BS&W/DBLS Received	BS&W (%)
1st Gauge		Free Water	
2nd Gauge		Total Received	
Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_

Jorge Garcia 6/27/21 [Signature]



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST  
(PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Man Contact Information

Name BRIAN SEARCY  
Phone No. 817-307-7669

**GENERATOR**

NO. 234233

Operator No. \_\_\_\_\_  
Operators Name SPUR ENVIRONMENTAL  
Address 1420 HUGHIE LONG RD  
City, State, Zip CROSSAN, TX 76035  
Phone No. 817-307-7669

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. PLU 28 PAD B (BIG SINK)  
County 30-015-48953  
API No. \_\_\_\_\_  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

**EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)**

Oil Based Muds	_____	<b>NON-INJECTABLE WATERS</b>	_____	<b>OTHER EXEMPT WASTES (type and generation process of the waste)</b>	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	<u>Belly</u>	
Water Based Muds	_____	Completion Fluid/Flow back (Non-Injectable)	_____		
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____		
Tank Bottoms	_____	<b>INTERNAL USE ONLY</b>	_____		
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	_____		
Gas Plant Waste	_____				

**WASTE GENERATION PROCESS:**  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

**NON-EXEMPT E&P Waste/Service Identification and Amount**  
(All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignitability, corrosivity and reactivity)

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 15 B - BARRELS YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

MSDS Information  RCRA Hazardous Waste Analysis  Other (Provide Description Below)

Brian Searcy (PRINT) AUTHORIZED AGENTS SIGNATURE 10/27/21 DATE [Signature] SIGNATURE

**TRANSPORTER**

Transporter's Name Rico & Sons Madison/Materials Driver's Name Manuel Rico  
 Address 20 Show Low Trl Lewis N.M. 88256 60332 Print Name \_\_\_\_\_  
 Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_  
 Truck No. 01

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_

**TRUCK TIME STAMP** IN: 3:55 PM OUT: \_\_\_\_\_  
**DISPOSAL FACILITY** \_\_\_\_\_  
**RECEIVING AREA** Name/No. D1

Site Name/ Permit No. Red Bluff Facility/ STF-065 Phone No. 432-448-4239  
 Address 5053 US Highway 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO 9 If YES, was reading > 50 micro roentgens? (circle one) YES NO  
 Chemical Analysis (Mg/l) \_\_\_\_\_ Conductivity (mmhos/cm) \_\_\_\_\_ pH \_\_\_\_\_

**TANK BOTTOMS**

1st Gauge	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_  
Jorge Garcia (PRINT) NAME 10/27/21 DATE Jorge Garcia TITLE [Signature] SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Man Contact Information

Name BRIAN SEARCY Phone No. 817-307-7668

<b>GENERATOR</b>		NO. <b>234231</b>
Operator No. _____	Permit/RRC No. _____	Lease/Well Name & No. <u>PLU 28 PAD B (BIG SINK)</u>
Operators Name <u>SUR ENVIRONMENTAL</u>	County _____	API No. <u>30-015-48953</u>
Address <u>1420 HOSHIE LONG RD.</u>	Rig Name & No. _____	AFE/PO No. _____
City, State, Zip <u>CRESSON, TX 76035</u>		
Phone No. <u>817-307-7668</u>		

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)		
Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly</u>
Water Based Muds _____	Completion Fluid/Flow back (Non-Injectable) _____	
Water Based Cuttings _____	Produced Water (Non-Injectable) _____	
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	
Tank Bottoms _____	INTERNAL USE ONLY	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
Gas Plant Waste _____		
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input checked="" type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> GATHERING LINES		

NON-EXEMPT E&P Waste/Service Identification and Amount			
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TC10), ignitability, Corrosivity and Reactivity.			
Non-Exempt Other _____ *please select from Non-Exempt Waste List on back			
QUANTITY <u>15</u>	B - BARRELS	<u>Y</u> - YARDS	E - EACH

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

MSDS Information  RCRA Hazardous Waste Analysis  Other (Provide Description Below)

Brian Searcy (PRINT) AUTHORIZED AGENTS SIGNATURE 10/27/21 DATE [Signature] SIGNATURE

<b>TRANSPORTER</b>	
Transporter's Name <u>Big Horn / Madison Materials</u>	Driver's Name <u>Noe Corral</u>
Address <u>Robert RR Hobbs N.M. 6332</u>	Print Name _____
Phone No. <u>505 631 2386</u>	Phone No. _____
	Truck No. <u>104</u>
I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.	
SHIPMENT DATE <u>Noe Corral</u>	DRIVER'S SIGNATURE <u>Noe Corral</u>
DELIVERY DATE _____	DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: <u>3:58 PM</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>DI</u>
Site Name/Permit No. <u>Red Bluff Facility/ STF-065</u>	Phone No. <u>432-448-4239</u>	
Address <u>5653 US Highway 285, Orla, TX 79770</u>		
NORM READINGS TAKEN? (Circle One) <u>YES</u>	9	If YES, was reading > 50 micro roentgens? (circle one) YES <u>NO</u>
Chemical Analysis (Mg/l) _____	Conductivity (mmhos/cm) _____	pH _____

<b>TANK BOTTOMS</b>	
Feet	Inches
1st Gauge _____	2nd Gauge _____
Received _____	Received _____
B5B/W/8BLS Received _____	Free Water _____
Total Received _____	B5B/W (%) _____

I hereby certify that the above load material has been (circle one): ACCEPTED 10/27/21 DATE Receiver TITLE J J SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Company Man Contact Information

Name Brian Seary

Phone No. 817-307-7668

GENERATOR

NO. 234230

Operator No. \_\_\_\_\_  
Operators Name SPUR ENVIRONMENTAL  
Address 1420 HURSTIE LANE RD  
City, State, Zip CRESSON, TX 76035  
Phone No. 817-307-7668

Permit/ARC No. \_\_\_\_\_  
Lease/Well Name & No. PW 2B PAD B (BIG SINK)  
County \_\_\_\_\_  
API No. 30-015-49953  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings	Washout Water (Non-Injectable)	Bell 4
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY:	
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 15 B - BARRELS 7 - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

MSDS Information  RCRA Hazardous Waste Analysis  Other (Provide Description Below)

Brian Seary (PRINT) AUTHORIZED AGENTS SIGNATURE 10/27/21 DATE [Signature] SIGNATURE

TRANSPORTER

Transporter's Name Rice & Sons / Madison Materials  
Address 20 Show Low Trail 6332  
Lowing New 88206  
Phone No. \_\_\_\_\_

Driver's Name Robert J. Davis  
Print Name \_\_\_\_\_  
Phone No. \_\_\_\_\_  
Truck No. 15

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: <u>4:09 PM</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>DI</u>
---	-------------------	--------------------------------------

Site Name/ Permit No. Red Bluff Facility/ STF-065 Phone No. 432-448-4239  
Address 5053 US Highway 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES  NO   
Chloride \_\_\_\_\_ If YES, was reading > 50 micro roentgens? (circle one) YES  NO   
Conductivity (mmhos/cm) \_\_\_\_\_ pH \_\_\_\_\_

TANK BOTTOMS

Feet	Inches	BS&W/BGLS Received	DS&W (%)
1st Gauge		Free Water	
2nd Gauge		Total Received	
Received			

I hereby certify that the above listed material has been (circle one): ACCEPTED DENIED If denied, why?  
Jorge Garcia (PRINT) 10/27/21 DATE Receiver TITLE [Signature] SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Man Contact Information Name BRIAN SEARCH Phone No. 817-307-7660

GENERATOR NO. 234238 Operator No. Operators Name SPUR ENVIRONMENTAL Address 1420 HUGHIE LANA RD City, State, Zip CRESSON, TX 76036 Phone No. 817-307-7660 Permit/RAC No. Lease/Well Name & No. PLU 28 PAD B (Big Sink) County 30-015-48953 API No. Rig Name & No. AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) Oil Based Muds, Water Based Muds, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste. NON-INJECTABLE WASTES: Washout Water, Completion Fluid, Produced Water, Gathering Line Water/Waste, INTERNAL USE ONLY, Truck Washout. OTHER EXEMPT WASTES: Belly. WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES.

NON-EXEMPT E&P Waste/Service Identification and Amount. All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCL5), ignitability, corrosivity and reactivity. Non-Exempt Other. QUANTITY 15 B - BARRELS Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation. RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only). RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information, RCRA Hazardous Waste Analysis, Other (Provide Description Below)

Signature: SHANE O'CONNOR (PRINT) AUTHORIZED AGENTS SIGNATURE DATE: 10/27/2021 SIGNATURE: [Signature]

TRANSPORTER Driver's Name Heaton Loek Print Name Heaton Loek Address 2010 N ROBERT RD Phone No. HOBBS, NM Truck No. 100

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE: 10/27/2021 DRIVER'S SIGNATURE: [Signature] DELIVERY DATE: 10/27/2021 DRIVER'S SIGNATURE: [Signature]

TRUCK TIME STAMP IN: 4:55 OUT: 5:00 DISPOSAL FACILITY Name/No. Red Bluff Facility/ STF-065 RECEIVING AREA Name/No. 81 Site Name/ Permit No. Red Bluff Facility/ STF-065 Address 5053 US Highway 285, Dria, TX 79770 Phone No. 432-448-4239 NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO Chemical Analysis (Mg/l) Chloride Conductivity (mmhos/cm) pH

TANK BOTTOMS 1st Gauge, 2nd Gauge, Received. Feet, Inches. BS&W/BBLs Received, Free Water, Total Received. BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why? Receiver NAME (PRINT) Jorge Carriz DATE 10/27/21 TITLE Receiver SIGNATURE [Signature]



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Man Contact Information Name: Brian Searcy Phone No. 817-307-7660

GENERATOR NO. 234239 Operator No. Operators Name: SPUR ENVIRONMENTAL Address: 1420 HUBBIE LONG RD. City, State, Zip: COFFMAN, TX 76035 Phone No.: 817-307-7660 Permit/RRC No. Lease/Well Name & No.: PLU 20 PADS (BIG SINK) County: 30-15-48953 API No. Rig Name & No. AFE/PO No.

Table with columns: OIL BASED MUDS, NON-INJECTABLE WATERS, OTHER EXEMPT WASTES. Includes checkboxes for WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES. 'Belly' handwritten in OTHER EXEMPT WASTES.

NON-EXEMPT E&P WASTE/Service Identification and Amount. All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignitability, corrosivity and reactivity.

QUANTITY: 20 B - BARRELS 20 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT:  Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only). RCRA NON-EXEMPT:  Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.

Signature: SHANE O'CONNOR (PRINT) AUTHORIZED AGENTS SIGNATURE Date: 10/27/2021 Signature: [Signature]

TRANSPORTER Driver's Name: Enriave olivas ochoa Print Name: Address: 2020 N Robert Rd. Hobbs NM Phone No. Truck No.: 108

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE: 10/27/21 DRIVER'S SIGNATURE: Enriave olivas ochoa DELIVERY DATE: 10/27/21 DRIVER'S SIGNATURE: Enriave olivas ochoa

TRUCK TIME STAMP IN: 4:54 PM OUT: DISPOSAL FACILITY: RECEIVING AREA Name/No.: D1 Site Name/ Permit No.: Red Bluff Facility/ STF-065 Phone No.: 432-448-4239 Address: 5053 US Highway 285, Oria, TX 79770 NORM READINGS TAKEN? (Circle One) YES NO NO If YES, was reading > 50 micro roentgens? (circle one) YES NO NO Conductivity (mmhos/cm) pH

TANK BOTTOMS Table with columns: Feet, Inches, B5&W/BBLS Received, Free Water, Total Received, B5&W (%).

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? Signature: Jorge Garcia Date: 10/27/21 Title: Receiver Signature: [Signature]



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Man Contact Information Name: BRIAN SEPPY Phone No: 817-327-7668

GENERATOR NO. 234246 Operator No. Operators Name: SPE ENVIRONMENTAL Address: 1420 HUGHIE LONG RD City, State, Zip: CRESSON, TX 76835 Phone No: 817-307-7668

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) Oil Based Muds, Water Based Muds, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste

WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignitability, corrosivity and reactivity.

I hereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.

SHIPMENT DATE: 10/29/2021 DRIVER'S SIGNATURE: [Signature] DRIVER'S SIGNATURE: [Signature]

TRANSPORTER Name: McCoy Bros Madison Materials Address: 20 Show Low Trail Lovin g Mm 88256 Driver's Name: Ruben Valdivia Print Name: Phone No: Truck No: 15

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

TRUCK TIME STAMP IN: 12:00 PM OUT: DISPOSAL FACILITY RECEIVING AREA Name/No. 01

Site Name/Permit No. Red Bluff Facility/ STF-065 Address: 5053 US Highway 285, Orla, TX 79770 Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) NO If YES, was reading > 50 micro roentgens? (circle one) YES

TANK BOTTOMS 1st Gauge, 2nd Gauge Received BSRW/OBLS Received Free Water Total Received B&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? [Signature] DATE: 10/29/21 TITLE: [Signature]



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

---

October 28, 2021

BRAD ALKER

EN-CLOSURE, LLC

11822 BROOK MEADOWS

MEADOWSPPLACE, TX 77477

RE: XTO PLU 28 BIG SINKS 124H

Enclosed are the results of analyses for samples received by the laboratory on 10/27/21 8:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 1 (H213017-01)**

BTEX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6		
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1		
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4		
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5		
Total BTEX	<0.150	0.150	10/27/2021	ND						

Surrogate: Dibromofluoromethane 98.2 % 84-115

Surrogate: Toluene-d8 100 % 95.3-106

Surrogate: 4-Bromofluorobenzene 97.9 % 85.1-109

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>9200</b>	16.0	10/27/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	203	102	200	10.5		
<b>DRO &gt;C10-C28*</b>	<b>223</b>	10.0	10/27/2021	ND	197	98.3	200	11.2		
<b>EXT DRO &gt;C28-C36</b>	<b>112</b>	10.0	10/27/2021	ND						

Surrogate: 1-Chlorooctane 82.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 2 (H213017-02)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6	
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1	
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4	
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5	
Total BTEX	<0.150	0.150	10/27/2021	ND					

Surrogate: Dibromofluoromethane 96.7 % 84-115  
 Surrogate: Toluene-d8 102 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 104 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>8930</b>	16.0	10/27/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	203	102	200	10.5	
<b>DRO &gt;C10-C28*</b>	<b>707</b>	10.0	10/27/2021	ND	197	98.3	200	11.2	
<b>EXT DRO &gt;C28-C36</b>	<b>495</b>	10.0	10/27/2021	ND					

Surrogate: 1-Chlorooctane 86.1 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 92.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 3 (H213017-03)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6	
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1	
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4	
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5	
Total BTEX	<0.150	0.150	10/27/2021	ND					

Surrogate: Dibromofluoromethane 96.7 % 84-115  
 Surrogate: Toluene-d8 101 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 102 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3400</b>	16.0	10/27/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	203	102	200	10.5	
<b>DRO &gt;C10-C28*</b>	<b>519</b>	10.0	10/27/2021	ND	197	98.3	200	11.2	
<b>EXT DRO &gt;C28-C36</b>	<b>403</b>	10.0	10/27/2021	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 4 (H213017-04)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6	
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1	
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4	
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5	
Total BTEX	<0.150	0.150	10/27/2021	ND					

Surrogate: Dibromofluoromethane 97.6 % 84-115  
 Surrogate: Toluene-d8 102 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 98.7 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1120</b>	16.0	10/27/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	203	102	200	10.5	
<b>DRO &gt;C10-C28*</b>	<b>103</b>	10.0	10/27/2021	ND	197	98.3	200	11.2	
<b>EXT DRO &gt;C28-C36</b>	<b>122</b>	10.0	10/27/2021	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 83.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 5 (H213017-05)**

BTEX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6		
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1		
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4		
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5		
Total BTEX	<0.150	0.150	10/27/2021	ND						

Surrogate: Dibromofluoromethane 96.3 % 84-115  
 Surrogate: Toluene-d8 102 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 102 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>5460</b>	16.0	10/27/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	203	102	200	10.5		
<b>DRO &gt;C10-C28*</b>	<b>896</b>	10.0	10/27/2021	ND	197	98.3	200	11.2		
<b>EXT DRO &gt;C28-C36</b>	<b>630</b>	10.0	10/27/2021	ND						

Surrogate: 1-Chlorooctane 88.8 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 98.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
BRAD ALKER  
11822 BROOK MEADOWS  
MEADOWSPLACE TX, 77477  
Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 6 (H213017-06)**

BTEX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6		
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1		
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4		
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5		
Total BTEX	<0.150	0.150	10/27/2021	ND						

Surrogate: Dibromofluoromethane 97.8 % 84-115

Surrogate: Toluene-d8 102 % 95.3-106

Surrogate: 4-Bromofluorobenzene 98.5 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1660</b>	16.0	10/27/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	219	109	200	3.15		
<b>DRO &gt;C10-C28*</b>	<b>796</b>	10.0	10/27/2021	ND	216	108	200	2.18		
<b>EXT DRO &gt;C28-C36</b>	<b>933</b>	10.0	10/27/2021	ND						

Surrogate: 1-Chlorooctane 83.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 110 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 7 (H213017-07)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6	
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1	
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4	
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5	
Total BTEX	<0.150	0.150	10/27/2021	ND					

Surrogate: Dibromofluoromethane 98.8 % 84-115  
 Surrogate: Toluene-d8 104 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 100 % 85.1-109

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	10/27/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	219	109	200	3.15	
DRO >C10-C28*	20.1	10.0	10/27/2021	ND	216	108	200	2.18	
EXT DRO >C28-C36	31.2	10.0	10/27/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 90.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 8 (H213017-08)**

BTEX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6		
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1		
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4		
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5		
Total BTEX	<0.150	0.150	10/27/2021	ND						

Surrogate: Dibromofluoromethane 98.0 % 84-115  
 Surrogate: Toluene-d8 102 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 101 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>2520</b>	16.0	10/27/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	219	109	200	3.15		
<b>DRO &gt;C10-C28*</b>	<b>438</b>	10.0	10/27/2021	ND	216	108	200	2.18		
<b>EXT DRO &gt;C28-C36</b>	<b>186</b>	10.0	10/27/2021	ND						

Surrogate: 1-Chlorooctane 84.9 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 96.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 9 (H213017-09)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6	
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1	
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4	
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5	
Total BTEX	<0.150	0.150	10/27/2021	ND					

Surrogate: Dibromofluoromethane 95.1 % 84-115  
 Surrogate: Toluene-d8 102 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 100 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1440</b>	16.0	10/27/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	219	109	200	3.15	
<b>DRO &gt;C10-C28*</b>	<b>1070</b>	10.0	10/27/2021	ND	216	108	200	2.18	
<b>EXT DRO &gt;C28-C36</b>	<b>723</b>	10.0	10/27/2021	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 10 (H213017-10)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6	
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1	
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4	
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5	
Total BTEX	<0.150	0.150	10/27/2021	ND					

Surrogate: Dibromofluoromethane 96.4 % 84-115  
 Surrogate: Toluene-d8 102 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 101 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>704</b>	16.0	10/27/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	219	109	200	3.15	
<b>DRO &gt;C10-C28*</b>	<b>160</b>	10.0	10/27/2021	ND	216	108	200	2.18	
<b>EXT DRO &gt;C28-C36</b>	<b>87.8</b>	10.0	10/27/2021	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 90.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 11 (H213017-11)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6	
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1	
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4	
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5	
Total BTEX	<0.150	0.150	10/27/2021	ND					

Surrogate: Dibromofluoromethane 96.7 % 84-115  
 Surrogate: Toluene-d8 103 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 103 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	10/27/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	219	109	200	3.15	
DRO >C10-C28*	491	10.0	10/27/2021	ND	216	108	200	2.18	
EXT DRO >C28-C36	232	10.0	10/27/2021	ND					

Surrogate: 1-Chlorooctane 82.9 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 98.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/27/2021	Sampling Date:	10/26/2021
Reported:	10/28/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 12 (H213017-12)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/27/2021	ND	2.01	100	2.00	11.6	
Toluene*	<0.025	0.025	10/27/2021	ND	1.98	99.2	2.00	13.1	
Ethylbenzene*	<0.025	0.025	10/27/2021	ND	2.05	102	2.00	12.4	
Total Xylenes*	<0.075	0.075	10/27/2021	ND	6.03	100	6.00	13.5	
Total BTEX	<0.150	0.150	10/27/2021	ND					

Surrogate: Dibromofluoromethane 96.7 % 84-115  
 Surrogate: Toluene-d8 103 % 95.3-106  
 Surrogate: 4-Bromofluorobenzene 98.9 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1200</b>	16.0	10/27/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2021	ND	219	109	200	3.15	
<b>DRO &gt;C10-C28*</b>	<b>473</b>	10.0	10/27/2021	ND	216	108	200	2.18	
<b>EXT DRO &gt;C28-C36</b>	<b>542</b>	10.0	10/27/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-133  
 Surrogate: 1-Chlorooctadecane 94.7 % 38.9-142

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Notes and Definitions

- QR-04            The RPD for the BS/BSD was outside of historical limits.
- ND                Analyte NOT DETECTED at or above the reporting limit
- RPD               Relative Percent Difference
- \*\*                 Samples not received at proper temperature of 6°C or below.
- \*\*\*                Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*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**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: EN-CLOSURE, LLC	P.O. #:
Project Manager: BRAD ALKER	Company: EN-CLOSURE, LLC
Address: 11822 BRAD ALKER MEADOWS	Attn: DON DUNBAR
City: MEADOWS PLACE	Address: 11822 BRAD ALKER MEADOWS
State: TX, Zip: 77477	City: MEADOWS PLACE
Phone #: (713) 447-2433	State: TX Zip: 77477
Fax #:	Phone #: (713) 504-2873
Project #:	Fax #:
Project Name: XTO PUL 28, BIG SINKS 124 H	
Project Location: LOVING, NM	
Project Owner:	
Sample Name: BRAD ALKER	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL			
AG213017	CS-1	G	1	X	X	X	X	X	X	X	10/26/21	1600	BTEX-8260 B	
	CS-2	G	1	X	X	X	X	X	X	X		1605	CHLORIDES-EPA 3006A SM 4500	
	CS-3	G	1	X	X	X	X	X	X	X		1610	TPH-8015 M (GRO+DRO+MRO)	
	CS-4	G	1	X	X	X	X	X	X	X		1615		
	CS-5	G	1	X	X	X	X	X	X	X		1620		
	CS-6	G	1	X	X	X	X	X	X	X		1625		
	CS-7	G	1	X	X	X	X	X	X	X		1636		
	CS-8	G	1	X	X	X	X	X	X	X		1635		
	CS-9	G	1	X	X	X	X	X	X	X		1640		
	CS-10	G	1	X	X	X	X	X	X	X		1645		

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Relinquished By: Brad Alker  
 Date: 10/27/21  
 Time: 0824

Received By: Don Dunbar  
 Date: [Signature]  
 Time: [Signature]

Turnaround Time: [Blank]  
 Thermometer ID #113  
 Correction Factor -0.5°C

Standard:  KUSH  [Blank]  
 Bacteria (only)  Yes  No  
 Sample Condition  Observed Temp. °C  Corrected Temp. °C

Delivered By: (Circle One)  UPS - Bus - Other: [Blank]

Observed Temp. °C: 0.8  
 Corrected Temp. °C: -0.3

Checked By: [Signature]

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





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October 29, 2021

BRAD ALKER

EN-CLOSURE, LLC

11822 BROOK MEADOWS

MEADOWSPPLACE, TX 77477

RE: XTO PLU 28 BIG SINKS 124H

Enclosed are the results of analyses for samples received by the laboratory on 10/28/21 15:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/28/2021	Sampling Date:	10/28/2021
Reported:	10/29/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 2A (H213048-01)**

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	10/28/2021	ND	227	113	200	0.240	
DRO >C10-C28*	<10.0	10.0	10/28/2021	ND	221	111	200	0.732	
EXT DRO >C28-C36	<10.0	10.0	10/28/2021	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>94.3 %</i>	<i>44.3-133</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>95.3 %</i>	<i>38.9-142</i>						

**Sample ID: CS - 5A (H213048-02)**

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	10/28/2021	ND	227	113	200	0.240	
DRO >C10-C28*	<10.0	10.0	10/28/2021	ND	221	111	200	0.732	
EXT DRO >C28-C36	<10.0	10.0	10/28/2021	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>95.2 %</i>	<i>44.3-133</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>94.3 %</i>	<i>38.9-142</i>						

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/28/2021	Sampling Date:	10/28/2021
Reported:	10/29/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 6A (H213048-03)**

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	10/28/2021	ND	227	113	200	0.240	
DRO >C10-C28*	<10.0	10.0	10/28/2021	ND	221	111	200	0.732	
EXT DRO >C28-C36	<10.0	10.0	10/28/2021	ND					
<hr/>									
Surrogate: 1-Chlorooctane	96.1 %	44.3-133							
Surrogate: 1-Chlorooctadecane	95.2 %	38.9-142							

**Sample ID: CS - 9A (H213048-04)**

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	10/28/2021	ND	227	113	200	0.240	
DRO >C10-C28*	<10.0	10.0	10/28/2021	ND	221	111	200	0.732	
EXT DRO >C28-C36	<10.0	10.0	10/28/2021	ND					
<hr/>									
Surrogate: 1-Chlorooctane	92.7 %	44.3-133							
Surrogate: 1-Chlorooctadecane	92.7 %	38.9-142							

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**Analytical Results For:**

EN-CLOSURE, LLC  
 BRAD ALKER  
 11822 BROOK MEADOWS  
 MEADOWSPLACE TX, 77477  
 Fax To: NA

Received:	10/28/2021	Sampling Date:	10/28/2021
Reported:	10/29/2021	Sampling Type:	Soil
Project Name:	XTO PLU 28 BIG SINKS 124H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	XTO - LOVING NM		

**Sample ID: CS - 12A (H213048-05)**

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	10/28/2021	ND	227	113	200	0.240	
DRO >C10-C28*	<10.0	10.0	10/28/2021	ND	221	111	200	0.732	
EXT DRO >C28-C36	<10.0	10.0	10/28/2021	ND					
<hr/>									
Surrogate: 1-Chlorooctane	97.1 %	44.3-133							
Surrogate: 1-Chlorooctadecane	98.3 %	38.9-142							

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: <u>EN-CLOSURE, LLC</u> Project Manager: <u>BRAD ALKER</u> Address: <u>1822 BIRCH MEADOWS</u> City: <u>MEADOWS PARK</u> State: <u>TX</u> Zip: <u>77477</u> Phone #: <u>(713)447-2433</u> Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <u>XTO PULLS BIG SINKS 124H</u> Project Location: <u>LOVING, NM</u> Sampler Name: <u>BRAD ALKER</u>		P.O. #: _____ Company: <u>EN-CLOSURE, LLC</u> Attn: <u>DON DUNBAR</u> Address: <u>SKR</u> City: _____ State: _____ Zip: _____ Phone #: <u>(713)504-2873</u> Fax #: _____	
Lab I.D. <u>H213048</u> Sample I.D. _____		(G)RAB OR (C)OMP. _____ # CONTAINERS _____ MATRIX: GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____ PRESERV: _____ SAMPLING: _____	
Date: <u>10/28/21</u> Time: <u>1536</u> Relinquished By: <u>Brad Alker</u> Received By: <u>Don Dunbar</u>		DATE: <u>10/28/21</u> TIME: <u>1345</u> DATE: <u>1330</u> TIME: <u>1335</u> DATE: <u>1340</u> TIME: _____	
Delivered By: (Circle One) _____ Sampler - UPS - Bus - Other: _____ Observed Temp. °C: <u>0.30</u> Corrected Temp. °C: <u>-1.20</u>		Turnaround Time: _____ Standard <u>RUSH</u> <input checked="" type="checkbox"/> Add'l Phone #: _____ Bacteria (only) <input checked="" type="checkbox"/> Sample Condition _____ Cool Intact <input checked="" type="checkbox"/> Observed Temp. °C _____ Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C _____	
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No All Results are emailed. Please provide email address: _____ REMARKS: <u>DON DUNBAR EN-CLOSURE.COM, BRAD ALKER EN-CLOSURE.COM</u>		CHECKED BY: _____ Thermometer ID #113 <u>ASAP</u> Correction Factor .05°C	

**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 120839

**CONDITIONS**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 120839
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jnobui	Closure Approved. Variance was not approved. Variance submittal needs to be submitted prior to remediation and closure report submittal and needs OCD approval to be implemented. Any future variance implementation without prior OCD approval will be automatically denied. With elevated chloride concentrations left in place on pad, please ensure 19.15.29.13 NMAC is implemented when completing P&A.	7/12/2022