

Incident ID	nAPP2221348013
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: Dale Woodall Title: Env. Professional
Signature: Dale Woodall Date: 3/8/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 03/08/2023

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: Robert Hamlet Date: 7/17/2023
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Incident ID	nAPP2221348013
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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	____ 168' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

402 East Wood Avenue
Carlsbad, NM 88220
Tel. 254.266.5456
www.ntglobal.com



NTG
ENVIRONMENTAL

January 25, 2023

**New Mexico Oil Conservation Division
District 2
811 South First Street
Artesia, New Mexico 88210**

**Re: Closure Report
Ko Lanta 9 CTB 3
Devon Energy Production Company
Incident ID: nAPP2221348013,
Unit N, Section 9, Township 23S, Range 31E,
Eddy County, New Mexico**

To Whom it May Concern:

1. Introduction

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this closure report to document site assessment and remedial action activities at the Ko Lanta 9 CTB 3 (Site). The Site is located approximately 18.45 miles northeast of Loving, New Mexico in Eddy County (Figures 1 and 2).

2. Background

Devon in the remediation of the Ko Lanta 9 CTB 3 submitted a C-141, Release Notification and Corrective Action, form dated August 1, 2022, the release was due to a valve line leak. Approximately 70 barrels (bbls) of crude oil was released, with approximately 20 bbls recovered, for a loss of 50 bbls of crude oil.

The release falls under the jurisdiction of the NMOCD District 2 Office in Artesia, New Mexico, and was assigned Incident Number nAPP2221348013. The Initial release notification and corrective action portions of Form C-141 are attached to this report in appendix A.

3. Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a ½-mile radius of the Site. The nearest identified well is located 1.21 miles north of the Site in Section 04, T23S, R31E. The well was drilled in 2007 with a reported depth to groundwater is 168 feet below ground surface (ft bgs). No other water features (playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundary or distance from the Site. According to the Karst map the site is located within a low Karst area. The Site characterization documentation (Points of

Diversions, Depth to Groundwater Location Map, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are provided in Attachment B.

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Chloride	TPH (GRO+DRO+MR)	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.12 closure criteria for impacted by a release	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined					

4. Initial Soil Delineation Assessment Summary and Findings

On August 10, 2022, New Tech Global Environmental, LLC (NTGE) conducted site assessment activities to assess the extent of impacts at the Site. A backhoe was mobilized to the site, following refusal with a geotechnical hand auger, and a total of four test pits (S-1 through S-4), as well as seven horizontal sample points (H-1 through H-7) were installed within the release area to characterize the impacts. Soil samples were collected in 1 ft intervals ranging from 1 – 7 ft below ground surface (bgs). Test pit/sample locations from NTGE's assessment activities are shown on Figure 3. Analytical results from NTGE's assessment (attached), indicated total petroleum hydrocarbons (TPH), and BTEX concentrations within the release extent exceeded regulatory thresholds.

On September 13, 2022, New Tech Global Environmental, LLC (NTGE) revisited the site and, in an effort of continued delineation, extended the four (4) previous test pits with a backhoe (S-1 through S-4) at depths ranging from 7 - 18.5 feet below ground surface. Samples were collected every foot and submitted for analysis. Test pit/sample locations from NTGE's assessment activities are shown on Figure 3. Analytical results from NTGE's assessment (attached) indicate that TPH and BTEX were delineated at the site to a maximum depth of 8 to 18.5 ft bgs.

5. Excavation, Confirmation Sampling

Due to the initial soil sampling activities exhibiting TPH and BTEX concentrations above 19.15.29.12 Table I Closure Criteria, NTGE and Devon mobilized to the site on August 15, 2022, to excavate the affected soils. Soils within the first 12 (twelve) feet containing TPH exceedances of Table I Closure Criteria for 19.15.29.12, found in section 3, were excavated.

On September 29, 2022, NTGE conducted a confirmation sampling event where forty-four (44) base composite samples and twenty-two (22) sidewall composite samples were collected. All samples were transported to Cardinal Laboratories (Cardinal) in Hobbs, NM for analysis for BTEX by EPA Method 8260B, TPH by Method 8015 modified, and chloride by

EPA Method 300.0. All samples showed that Chloride and BTEX concentrations were under the regulatory limits set with NMAC 19.15.29.12 as established in section 3. Analysis showed that eight (8) samples (CS-3, CS-9, CS-12, CS-21, CS-22, CS-35, CS-40, and SW-11) exhibited elevated concentrations for TPH and will be further excavated to remove impacted soils.

After further excavation, on October 7, 2022, NTGE returned to the Site to perform a second confirmation sampling event where seven (7) base composite samples and twenty (20) sidewall composite samples were collected. All samples were submitted for the analysis of BTEX, TPH, and Chlorides. All samples showed that Chloride and BTEX concentrations were under the regulatory limits set with NMAC 19.15.29.12 as established in section 3. Analysis showed that three (3) samples (CS-9, SW-37, and SW-40) exhibited elevated concentrations for TPH and will be further excavated to remove impacted soils.

After further excavation, on October 13, 2022, NTGE returned to the Site to perform a third confirmation sampling event where one (1) base composite sample and two (2) sidewall composite samples were collected. All samples were submitted for the analysis of BTEX, TPH, and Chlorides. All samples showed that TPH, Chloride, and BTEX concentrations were under the regulatory limits set with NMAC 19.15.29.12 as established in section 3.

After further excavation, on December 12, 2022, NTGE returned to the Site to perform a fourth confirmation sampling event where twenty-seven (27) base composite samples and twenty-two (22) sidewall composite samples were collected. All samples were submitted for the analysis of BTEX, TPH, and Chlorides. All samples showed that Chloride concentrations were under the regulatory limits set with NMAC 19.15.29.12 as established in section 3. Analysis showed that two (2) sample (CS-55 and CS-70) showed elevated BTEX concentrations. Analysis showed that seventeen (17) samples (CS-47, CS-48, CS-52 through CS-55, CS-62, CS-65, CS-66, CS-70, CS-71, SW-44, SW-56, and SW-59 through SW-62) exhibited elevated concentrations for TPH and will be further excavated to remove impacted soils.

After further excavation, on December 21, 2022, NTGE returned to the Site to perform a fifth confirmation sampling event where thirteen (13) base composite samples and fifteen (15) sidewall composite samples were collected. All samples were submitted for the analysis of BTEX, TPH, and Chlorides. All samples showed that Chloride and BTEX concentrations were under the regulatory limits set with NMAC 19.15.29.12 as established in section 3. Analysis showed that three (3) samples (CS- 53, CS-55, and SW-74) exhibited elevated concentrations for TPH and will be further excavated to remove impacted soils.

After further excavation, on January 5, 2023, NTGE returned to the Site to perform a sixth confirmation sampling event where two (2) base composite samples and seven (7) sidewall composite samples were collected. All samples were submitted for the analysis of BTEX, TPH, and Chlorides. All samples showed that TPH, Chloride, and BTEX concentrations were under the regulatory limits set with NMAC 19.15.29.12 as established in section 3.

Figure 4, Excavation Map, depicts the locations of the confirmation samples. Confirmation sampling was performed based on a 200 square foot grid per NMOCD rules. Analytical results are provided on Table 1, Summary of Soil Analytical Data – Confirmation Samples, and in the Laboratory Analytical Reports provided in attachment E. A photographic log is included in Attachment C.

6. nAPP2221348013 Closure Request

The excavation will be backfilled with a non-impacted material at a future date. Site characterization, soil delineation, and remediation activities for this incident number have been performed in accordance with applicable NMOCD guidance and regulations. The C-141 site characterization and closure reports forms are attached to the front of the report. Based upon supporting documentation provided in this report, NTGE, on behalf of Devon, respectfully requests closure and no further regulatory actions for nAPP2221348013.

If you have any questions or comments concerning this Site Characterization and Closure Report, please do not hesitate to contact our Carlsbad office at (254) 266-5456.

Sincerely,

NTG Environmental

Ethan Sessums
Project Manager

Encl. Figure 1 – Aerial Map
Figure 2 – Topographic Map
Figure 3 – Initial Assessment Sample Location Map
Figure 4 – Excavation Map – Confirmation Sampling Map
Table 1 – Summary of Soil Analytical Data – Delineation Samples
Table 2 – Summary of Soil Analytical Data – Confirmation Samples
Attachment A – Initial C-141
Attachment B – Site Characterization Documentation
Attachment C – Photographic Log
Attachment D – Confirmation Sampling Notifications
Attachment E – Laboratory Analytical Reports and Chain-of-Custody Documentation



ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION



Devon Energy - Ko Lanta 9 CTB 3
Sec 09 T23S R31E Unit N
32.31448556, -103.7830889
Eddy County, New Mexico

Site Characterization

-No water features within specified distances of 1/2 mile radius, drilled within 25 years

-Low Karst

- USGS Groundwater is 128.64' below surface, 1.57 miles Southwest of the site, 2013 Drilled, Section 17, T23S, R31E
- NMSEO Groundwater is 125' below surface, 1.85 miles West of the site, 2012 Drilled, Section 07, T23S, R31E
- NMSEO Groundwater is 639' below surface, 1.51 miles East of the site, 2014 Drilled, Section 15, T23S, R31E
- NMSEO Groundwater is 168' below surface, 1.21 miles North of the site, 2007 Drilled, Section 04, T23S, R31E
- NMSEO Groundwater is 354' below surface, 1.65 miles Northwest of the site, 2004 Drilled, Section 05, T23S, R31E

RRALs due to insufficient *RECENT* groundwater data

- Chlorides 600 mg/kg
- TPH GRO+DRO+MRO 100 mg/kg
- BTEX 50 mg/kg
- Benzene 10 mg/kg

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

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

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

Cause of Release

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

Initial Response

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

<input type="checkbox"/> The source of the release has been stopped.	
<input type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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Printed Name: _____	Title: _____
Signature: <u>Kendra Ruiz</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>08/15/2022</u>

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State of New Mexico
Oil Conservation Division

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

NAPP2221348013

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>14402.2</u>	<u>0.500</u>
Cubic Feet of Soil Impacted	<u>600.092</u>
Impacted	<u>106.97</u>
Soil Type	<u>Clay/Sand</u>
Barrels of Oil Assuming 100% Saturation	<u>16.05</u>
Saturation	<u>Fluid present with shovel/backhoe</u>
Estimated Barrels of Oil Released	<u>16.05</u>
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>14402.2</u>	<u>0.250</u>
Standing fluid	<u>53.484</u>
Total fluids spilled	<u>69.529</u>

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 134120

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 134120
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	8/15/2022

Table 1
Summary of Soil Analytical Data - Initial Samples
Ko Lanta 9 CTB 3
DEVON ENERGY PRODUCTION COMPANY
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)		Total GRO/DRO/MRO
			Table I Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg		600 mg/kg
NTGE Delineation Samples														
H-1	8/10/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	236	236	57.4	293	112	
H-2	8/10/2022	0-6"	<0.050	0.074	<0.050	<0.150	<0.300	<10.0	33.6	34	<10.0	34	128	
H-3	8/10/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	96.7	98	<10.0	96.7	176	
H-4	8/10/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160	
H-5	8/10/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	66.1	66.1	<10.0	66	144	
H-6	8/10/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
H-7	8/10/2022	0-6"	<0.050	0.159	0.053	0.265	0.476	<10.0	<10.0	<10.0	<10.0	<10.0	64	
S-1	8/10/2022	3'	1.84	25.4	16.2	93.3	137	2860	11500	14,360	1810	16,170	48	
	8/10/2022	4'	12.7	129	50.2	276	468	8580	18800	27,380	3050	30430	48	
	8/10/2022	5'	18.5	145	52.4	285	501	7910	18600	26,510	2770	29280	80	
	8/10/2022	6'	10.2	101	40.7	228	380	6570	14600	21,170	2460	23630	48	
	8/10/2022	7'	19.3	152	51.7	298	521	8290	15800	24,090	2460	26557	32	
	9/13/2022	8-8.5'	<0.050	<0.050	<0.050	0.212	<0.300	18.3	582	600	92.4	1274.7	<16.0	
	9/13/2022	9-9.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	10-10.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	11-11.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	12-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	35	35	<10.0	35	<16.0	
S-2	9/13/2022	13-13.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
	8/10/2022	1'	5.41	94.7	50.1	313	464	5520	17300	22,820	2780	25,600	64	
	8/10/2022	2'	6.09	94.9	46.1	266	414	6490	19000	25,490	3040	28,530	48	
	8/10/2022	3'	8.3	114	51.7	294	468	6560	16500	23,060	2490	25,550	48	
	8/10/2022	4'	10.8	135	57.3	322	525	5680	17300	22,980	2370	25,350	32	
	8/10/2022	5'	<1.00	12.5	8.61	52.9	74	1290	5630	6,920	870	7,790	32	
	9/13/2022	12-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	13-13.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	14-14.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	15-15.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	16-16.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	17-17.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
	9/13/2022	18-18.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	

Table 1
Summary of Soil Analytical Data - Initial Samples
Ko Lanta 9 CTB 3
DEVON ENERGY PRODUCTION COMPANY
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO		
			Table I Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg		600 mg/kg
NTGE Delineation Samples														
S-3	8/10/2022	1'	2.6	50.1	34.1	211	297	4360	22300	26660	3150	29810	32	
	8/10/2022	2'	<2.00	30.6	22.5	143	197	3090	15700	18790	2210	21000	32	
	8/10/2022	3'	7.86	116	50.1	283	457	5550	17000	22550	2260	24810	48	
	8/10/2022	4'	5.4	96.9	43.7	255	401	5220	18900	24120	2630	26750	48	
	8/10/2022	5'	<2.00	27	17.1	105	149	1930	9300	11230	1280	12510	32	
	8/10/2022	6'	2.92	51.3	28.7	175	258	3270	13500	16770	1920	18690	32	
	9/13/2022	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	58.2	58.2	<10.0	58.2	<16.0	
	9/13/2022	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	9-9.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	47.5	<10.0	47.5	<16.0	
9/13/2022	10-10.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	101	<10.0	101	<16.0		
S-4	8/10/2022	2'	<2.00	50.6	33.1	200	283	4150	16600	20750	2190	22940	48	
	8/10/2022	3'	4.91	89.5	44.7	263	402	4960	17200	22160	2220	24380	64	
	8/10/2022	4'	3.58	65.3	32.6	193	294	3330	11000	14330	1540	15870	16	
	8/10/2022	5'	7.42	117	54.5	316	495	4480	15100	19580	2290	21870	64	
	8/10/2022	6'	<1.00	15.3	8.34	50.4	74	1080	3640	4720	619	5339	48	
	8/10/2022	7'	<1.00	13.9	9.12	56.5	79.5	694	3490	4184	517	4701	16	
	9/13/2022	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	9-9.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
	9/13/2022	10-10.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
	9/13/2022	11-11.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	9/13/2022	12-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
Notes:														
1. Values reported in mg/kg			5. TPH analyses by EPA Method SW 8015 Mod.											
2.< = Value Less Than Reporting Limit (RL)			6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil											
3. Bold indicates Analyte Detected			7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 TableI Closure Criteria for the site.											
4. BTEX analyses by EPA Method SW 8021B			8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).											
SP-1	Sample Point Excavated													

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Ko Lanta 9 CTB 3
DEVON ENERGY PRODUCTION COMPANY
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC										(mg/kg)
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
NTGE Confirmation Samples													
CS-1 (10')	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-2 (10')	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<0.150	<10.0	<10.0	<10.0	<10.0	32.0
CS-3	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	690	690	160	850.0	48.0
	10/7/2022	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.3	20.3	<10.0	20.3	32.0
CS-4 (10')	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-5 (10')	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.5	12.5	<10.0	12.5	<16.0
CS-6 (10')	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-7 (10')	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20	20	<10.0	20	16.0
CS-8 (10')	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-9	9/29/2022	10'	<0.050	0.145	0.123	0.503	0.771	<10.0	491	491	97.7	588.7	48.0
	10/7/2022	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	343	343	50.7	393.7	32.0
	10/13/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.8	15.8	<10.0	15.8	528.0
CS-10 (10')	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.1	31.1	18.5	49.6	<16.0
CS-11 (8')	9/29/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-12	9/29/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	239	239	48.4	287.4	<16.0
	10/7/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.2	20.2	<10.0	20.2	16.0
CS-13 (8')	9/29/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-14 (8')	9/29/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-15 (8')	9/29/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-16 (8')	9/29/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	40.3	40.3	<10.0	40.3	16.0
CS-17 (8')	9/29/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-18 (8')	9/29/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-19 (8')	9/29/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-20	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	76.4	76.4	13.7	90.1	16.0
	10/7/2022	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	30.5	30.5	<10.0	30.5	32.0
CS-21	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	301	301	66.9	367.9	16.0
	10/7/2022	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-22	9/29/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	139	139	38	177.0	16.0
	10/7/2022	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-23 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-24 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-25 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Ko Lanta 9 CTB 3
DEVON ENERGY PRODUCTION COMPANY
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC										(mg/kg)
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
CS-26 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-27 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-28 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-29 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-30 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-31 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-32 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-33 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-34 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.1	12.1	<10.0	12.1	<16.0
CS-35	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	84.9	84.9	19.5	104.4	<16.0
	10/7/2022	13'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.0	11.0	<10.0	11.0	16.0
CS-36 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-37 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-38 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.9	39.9	<10.0	39.9	<16.0
CS-39 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	57.3	57.3	<10.0	57.3	<16.0
CS-40 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	73.0	73.0	14.1	87.1	<16.0
CS-41	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	150	150	25.2	175.2	<16.0
	10/7/2022	13'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.1	17.1	<10.0	17.1	32.0
CS-42 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-43 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.2	14.2	<10.0	14.2	32.0
CS-44 (12')	9/29/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-45 (9')	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.8	47.8	<10.0	47.8	32.0
CS-46 (9')	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.3	17.3	<10.0	17.3	<16.0
CS-47	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	117	117	10.2	127.2	<16.0
	12/21/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128.0
CS-48	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	197	197	25.5	222.5	16.0
	12/21/2022	10'	<0.050	0.119	<0.050	0.198	0.317	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-49 (9')	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	73.3	73.3	<10.0	73.3	<16.0
CS-50 (9')	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.9	32.9	<10.0	32.9	<16.0
CS-51 (9')	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-52	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	130	130	21.2	151.2	64.0
	12/21/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Ko Lanta 9 CTB 3
DEVON ENERGY PRODUCTION COMPANY
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	thylbenzen	Xylenes	BTEX	TPH					Chloride
								GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
CS-53	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	119	119	16.6	135.6	32.0
	12/21/2022	10'	0.057	0.918	1.47	11.3	13.7	296	2,540	2,836	447	3,282	176.0
	1/5/2023	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128.0
CS-54	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	671	671	117	788	32.0
	12/21/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-55	12/12/2022	9'	0.442	13.1	7.29	58.4	79.3	1,280	8,290	9,570	1390	10,960	32
	12/21/2022	12'	<0.050	0.056	<0.050	<0.150	<0.300	<10.0	202	202	32.3	234.3	224.0
	1/5/2023	14'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112.0
CS-56 (8')	12/12/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	10.2	10.2	<16.0
CS-57 (8')	12/12/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-58 (8')	12/12/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-59 (8')	12/12/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-60 (13')	12/12/2022	13'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-61 (13')	12/12/2022	13'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-62	12/12/2022	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	101	101	15.1	116.1	<16.0
	12/21/2022	12'	<0.050	0.209	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-63 (8')	12/12/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-64 (8')	12/12/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-65	12/12/2022	8'	<0.050	<0.050	<0.050	0.277	<0.300	<10.0	194	194	29.6	223.6	32.0
	12/21/2022	9'	<0.050	0.103	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-66	12/12/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	250	250	42.1	292.1	48.0
	12/21/2022	9'	<0.050	0.072	<0.050	<0.150	<0.300	<10.0	34.9	34.9	<10.0	34.9	128.0
CS-67 (11')	12/12/2022	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-68 (11')	12/12/2022	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-69 (8')	12/12/2022	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464.0
CS-70	12/12/2022	9'	4.34	62.8	27.9	157	251	2270	9280	11,550	1750	13,300	96.0
	12/21/2022	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.2	44.2	<10.0	44.2	288.0
CS-71	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	142	142	44.2	186.2	32.0
	12/21/2022	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-72	12/12/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-73 (9')	12/21/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144.0
CS-74 (9')	12/21/2022	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144.0

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Ko Lanta 9 CTB 3
DEVON ENERGY PRODUCTION COMPANY
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC										(mg/kg)
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
NTGE Sidewall Samples													
SW-1	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	58.5	58.5	<10.0	58.5	<16.0
SW-2	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	79.5	79.5	16.5	96.0	<16.0
SW-3	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-4	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20	20	<10.0	20	<16.0
SW-5	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-6	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-7	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-8	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-9	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-10	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	35.9	35.9	<10.0	35.9	<16.0
SW-11	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	170	170	25.1	195.1	<16.0
SW-11A	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-12	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-13	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-14	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-15	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-16	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-17	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-18	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-19	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-20	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-21	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.8	33.8	<10.0	33.8	<16.0
SW-22	9/29/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.9	24.9	<10.0	24.9	<16.0
SW-23	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-24	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	43.3	43.3	<10.0	43.3	32.0
SW-25	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-26	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.2	12.2	<10.0	12.2	32.0
SW-27	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-28	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-29	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-30	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-31	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Ko Lanta 9 CTB 3
DEVON ENERGY PRODUCTION COMPANY
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	TPH											Chloride
			Benzene	Toluene	thylbenzen	Xylenes	BTEX	GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO		
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
			Table I Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC											
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg				
SW-32	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
SW-33	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.8	13.8	<10.0	13.8	16.0	
SW-34	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SW-35	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
SW-36	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SW-37	10/7/2022		<0.050	<0.050	<0.050	0.454	0.454	24.7	913	937.7	156	1,093.70	16.0	
SW-37 A	10/13/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SW-38	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	11.3	11.3	16.0	
SW-39	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
SW-40	10/7/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	117	117	17.8	134.8	32.0	
SW-40 A	10/13/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.7	31.7	<10.0	31.7	256.0	
SW-41	10/7/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.0	13.0	<10.0	13.0	16.0	
SW-42	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144	
SW-43	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144	
SW-44	12/12/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	175	175	33.9	288.9	240.0	
SW-45	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
SW-46	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
SW-47	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
SW-48	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SW-49	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
SW-50	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
SW-51	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SW-52	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
SW-53	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
SW-54	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
SW-55	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
SW-56	12/12/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	240	240	50.6	290.6	64.0	
SW-57	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
SW-58	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	82.7	82.7	16.7	99.4	48.0	
SW-59	12/12/2022		0.099	2.67	1.18	11.7	15.6	374	6760	7,134	1,270	8,404	16.0	
SW-60	12/12/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	524	524	120	644	<16.0	
SW-61	12/12/2022		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	102	102	25	127	32.0	
SW-62	12/12/2022		<0.050	<0.050	<0.050	<0.150	<0.300	23.3	1650	1,673.30	323	1,996.30	16.0	

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Ko Lanta 9 CTB 3
DEVON ENERGY PRODUCTION COMPANY
Eddy County, New Mexico

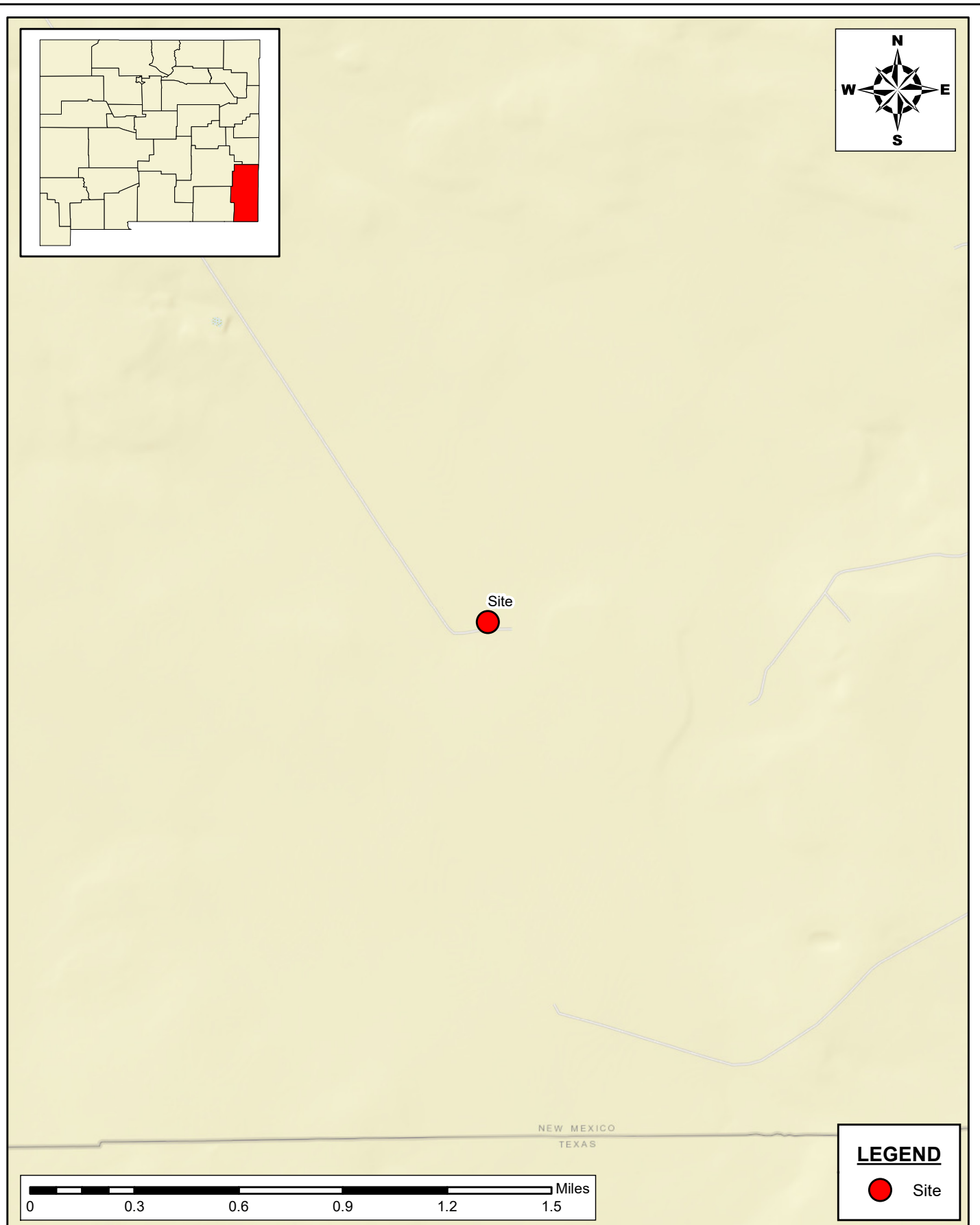
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC										(mg/kg)
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
SW-63	12/12/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-64	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-65	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-66	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.2	12.2	<10.0	12.2	64.0
SW-67	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-68	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.7	31.7	<10.0	31.7	32.0
SW-69	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	59.6	59.6	13.2	72.8	272
SW-70	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-71	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-72	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	80.2	80.2	13.3	93.5	112
SW-73	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-74	3/14/1900	-	<0.050	0.778	0.109	0.790	1.59	<10.0	490	490	115	605	80.0
SW-75	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-76	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-77	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-78	12/21/2022	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-80	1/5/2023	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144.0
SW-81	1/5/2023	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-82	1/5/2023	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112.0
SW-83	1/5/2023	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128.0
SW-84	1/5/2023	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112.0
SW-85	1/5/2023	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128.0
SW-86	1/5/2023	-	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160.0

Notes:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021E
- TPH analyses by EPA Method SW 8015 Mod.
- GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

SP-1 Sample Point Excavated

Document Path: P:\2022 PROJECTS\DEVON\SC\226038 - KO LANTA 9 CTB 3\7- Figures\GIS\Figure_1_SL.mxd



AERIAL MAP
SITE ASSESSMENT REPORT
KO LANTA 9 CTB 3
DEVON ENERGY PRODUCTION COMPANY LLC
EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 6/17/2022 Project #: 226038

New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 261.872.4521
Web: www.ntgenvironmental.com



NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

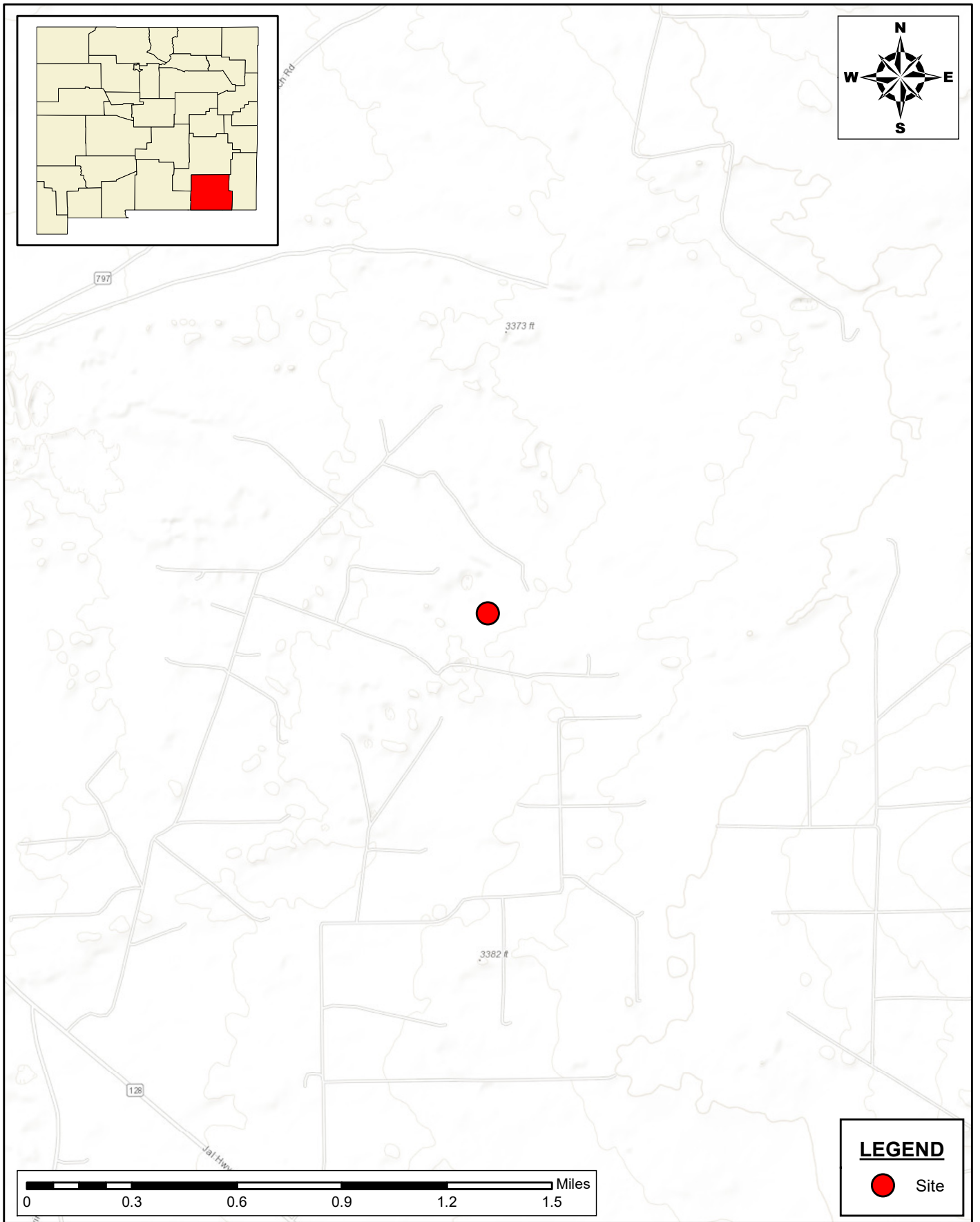
DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTSIDE\ONRSC\226038 - KO LANTA 9 CTB 3\7- Figures\GIS\Figure_2_SL.mxd



TOPOGRAPHIC MAP
CLOSURE REPORT
KO LANTA 9 CTB 3
DEVON ENERGY PRODUCTION COMPANY LLC
EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 8/17/2022 PROJECT #: 226038



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

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

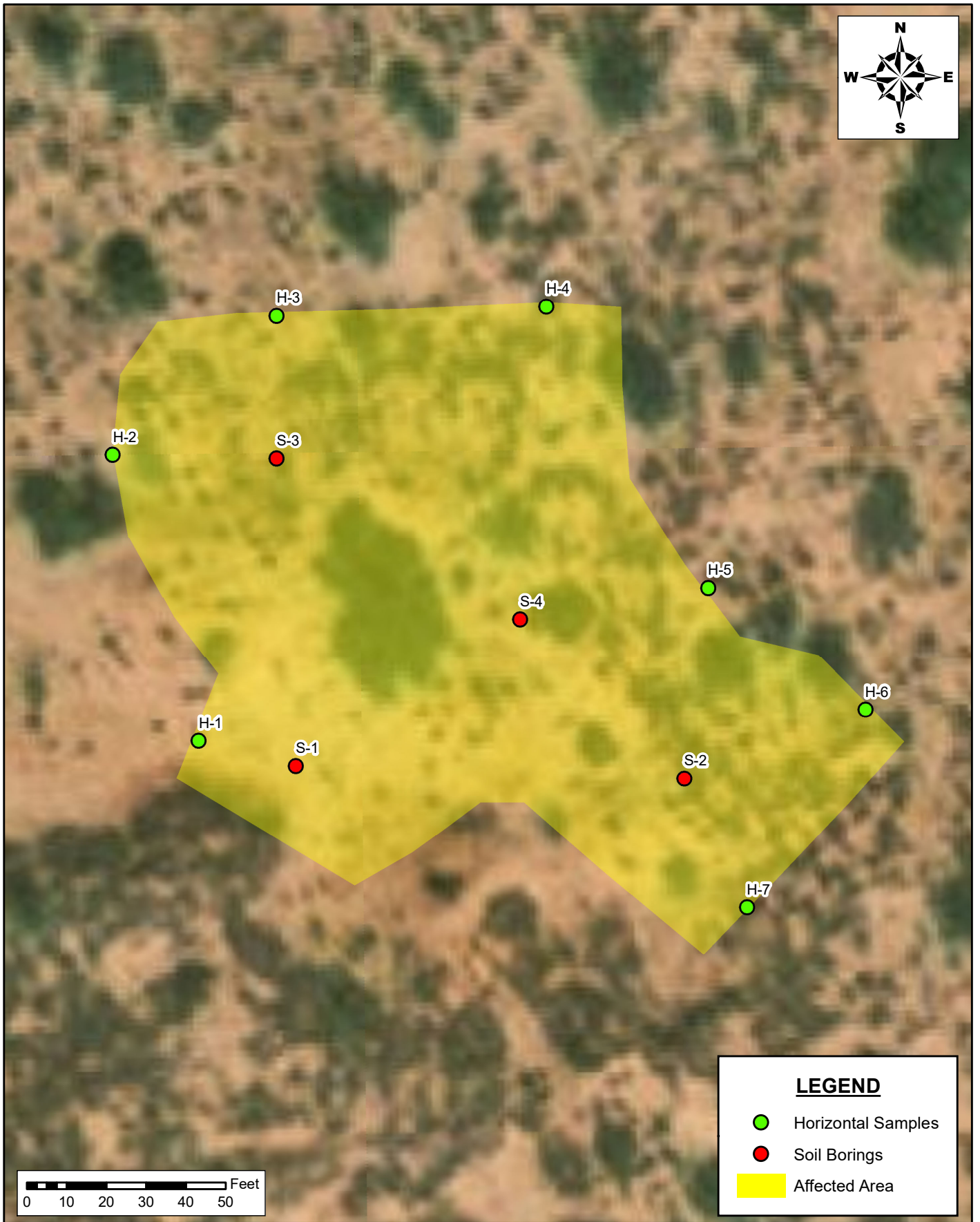
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTS\DEVON\SC226038 - KO LANTA 9 CTB 3\7- Figures\GIS\Figure_3_SA.mxd



SITE ASSESSMENT MAP
CLOSURE REPORT
KO LANTA 9 CTB 3
DEVON ENERGY PRODUCTION COMPANY LLC
EDDY COUNTRY, NEW MEXICO

SCALE: As Shown Date: 8/17/2022 PROJECT #: 226038



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

NOTES:

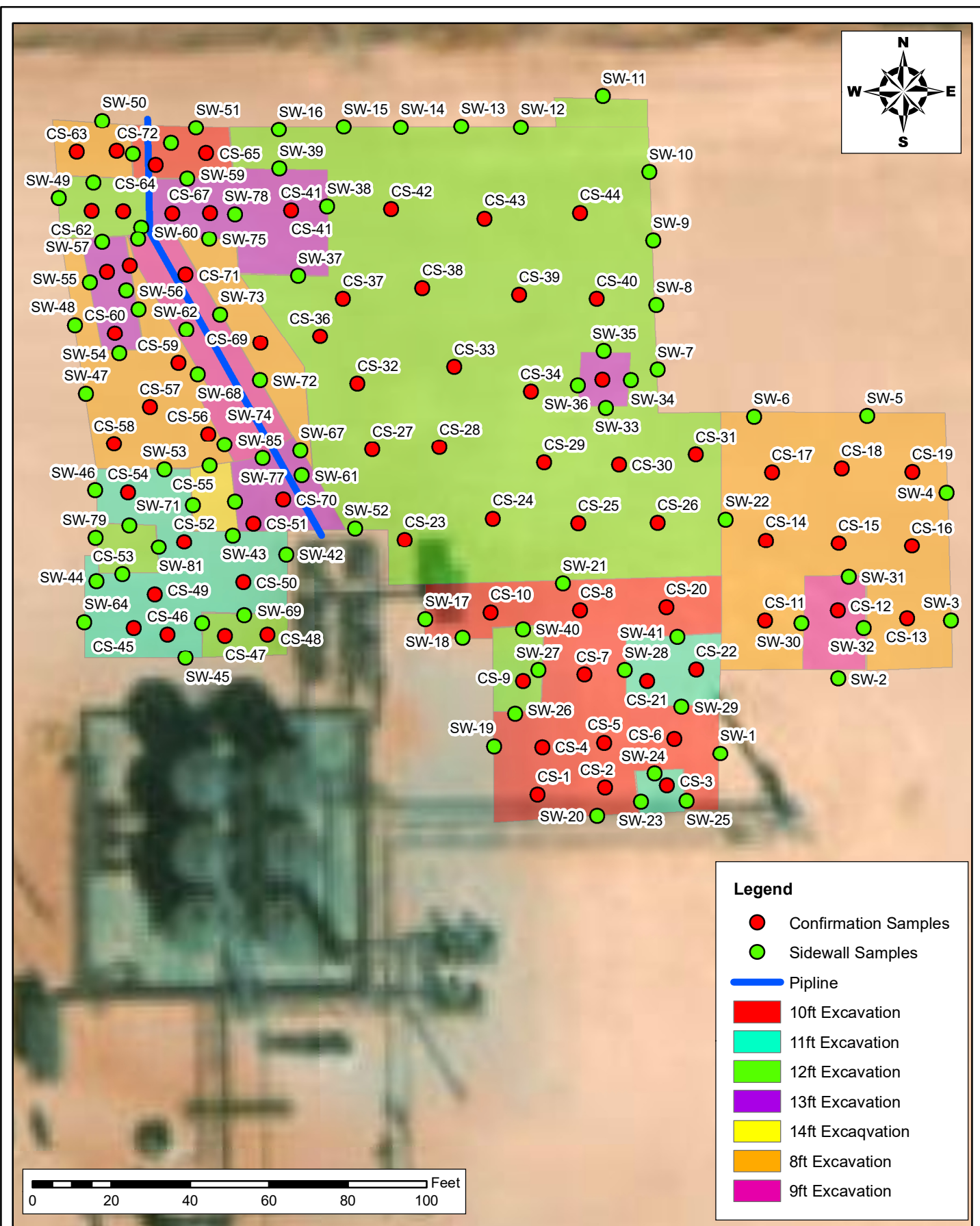
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



CONFIRMATION SAMPLE MAP
CLOSURE REPORT
KO LANTA 9 CTB 3
DEVON ENERGY, PRODUCTION COMPANY, LLC
EDDY COUNTY, NEW MEXICO

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

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:




FIGURE 4

SHEET NUMBER:

1 of 1

Devon Energy
Eddy County, New Mexico
32.31448556, -103.7830889

Legend

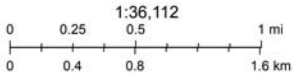
-  HIGH
-  Site Location
-  LOW



New Mexico NFHL Data



September 14, 2022



FEMA, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community. Source: Esri, Maxar, Earthstar Geographics, and the GIS

nmflood.org is made possible through a collaboration with NMDHSEM.

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

Nearest water well

Devon Energy
Eddy County, New Mexico
32.31448556, -103.7830889

Legend

Page 32 of 345

1.21 Miles N

1.51 Miles E

1.57 Miles SW

1.65 Miles NW

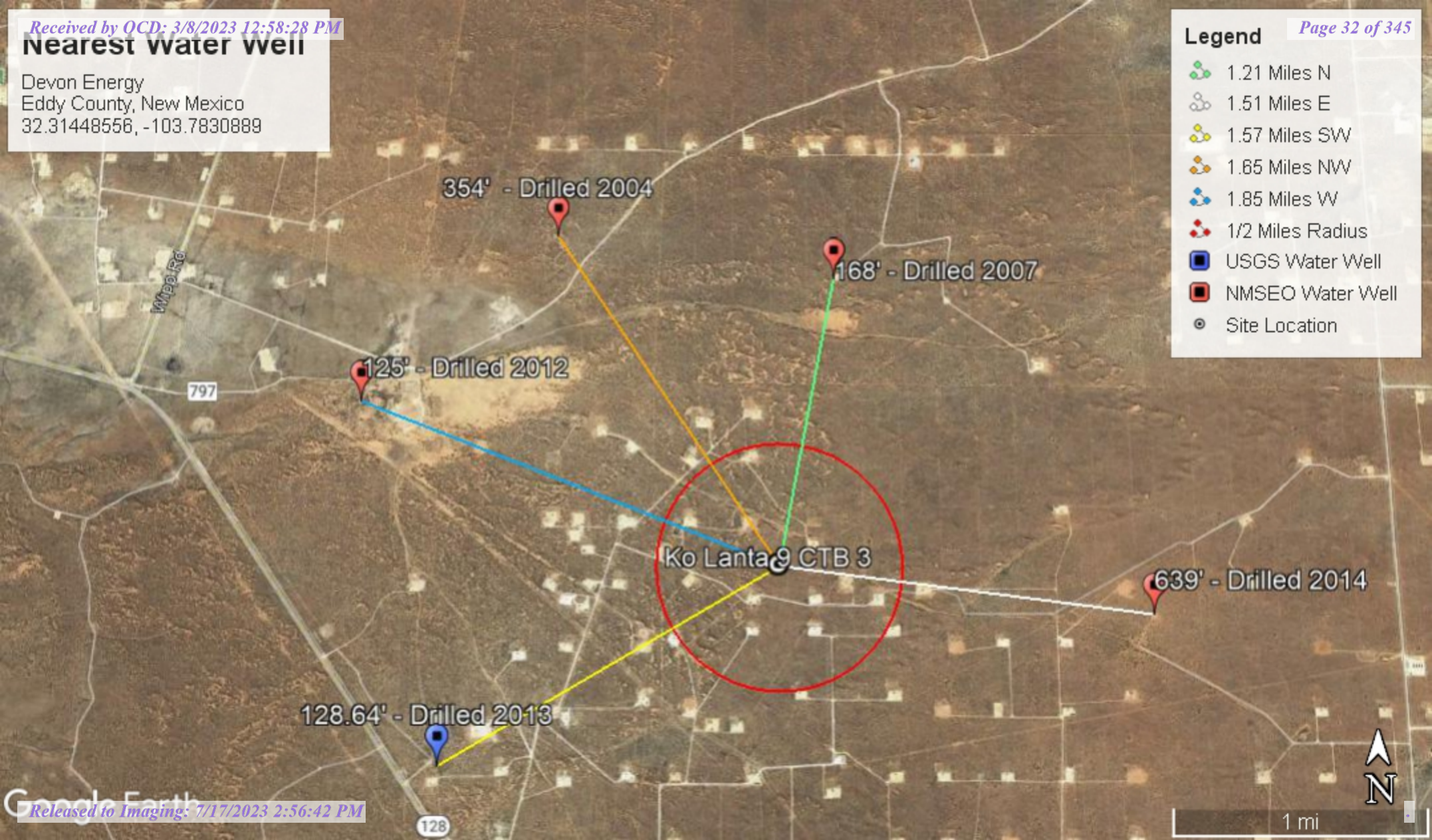
1.85 Miles W

1/2 Miles Radius

USGS Water Well


NMSEO Water Well

Site Location





New Mexico Office of the State Engineer Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	02492 POD2	3	2	2	07	23S	31E	611767	3576996 
Driller License: 1509		Driller Company: BMS DRILLING COMPANY							
Driller Name: ROYBAL, JOE D. (LD)									
Drill Start Date:	05/14/2012	Drill Finish Date:		05/31/2012		Plug Date:			
Log File Date:	08/27/2013	PCW Rev Date:				Source: Shallow			
Pump Type:		Pipe Discharge Size:				Estimated Yield: 30 GPM			
Casing Size:	6.00	Depth Well:		400 feet		Depth Water: 125 feet			

Meter Number:	16563	Meter Make:	MASTERMETER
Meter Serial Number:	53527168	Meter Multiplier:	1.0000
Number of Dials:	9	Meter Type:	Diversion
Unit of Measure:	Gallons	Return Flow Percent:	
Usage Multiplier:		Reading Frequency:	

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
01/01/2015	2015	39508400	A	RPT		0
04/01/2015	2015	47638000	A	RPT		24.949
04/30/2015	2015	51651000	A	RPT		12.315
05/31/2015	2015	56066600	A	RPT		13.551
07/01/2015	2015	58740300	A	RPT		8.205
08/01/2015	2015	62357200	A	RPT		11.100
08/31/2015	2015	66100700	A	RPT		11.488
10/01/2015	2015	69225500	A	RPT		9.590
12/01/2015	2015	76310300	A	RPT		21.742
01/01/2016	2016	76310300	A	RPT		0
02/01/2016	2016	76310300	A	RPT		0
03/02/2016	2016	78841100	A	RPT		7.767
04/01/2016	2016	80952800	A	RPT		6.481
05/01/2016	2016	82055300	A	RPT		3.383
06/01/2016	2016	85605600	A	RPT		10.895
07/01/2016	2016	88115890	A	RPT		7.704
07/02/2016	2016	22996000	A	RPT		0
08/01/2016	2016	23851600	A	RPT		2.626
10/01/2016	2016	29486000	A	RPT		17.291
11/01/2016	2016	29738900	A	RPT		0.776
12/01/2016	2016	29738900	A	RPT		0
12/31/2016	2016	29738900	A	RPT		0

**YTD Meter Amounts:	Year	Amount
	2015	112.940
	2016	56.923


The data is furnished by the NMOS/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/14/22 9:19 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer
Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)							(NAD83 UTM in meters)				
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y				
C	03351	4	1	4	04	23S	31E	614917	3577861				
Driller License:		421		Driller Company:		GLENN'S WATER WELL SERVICE							
Driller Name:		GLENN, CLARK A."CORKY" (LD)											
Drill Start Date:		11/20/2007		Drill Finish Date:		11/20/2007		Plug Date:					
Log File Date:		12/04/2007		PCW Rcv Date:				Source:		Shallow			
Pump Type:				Pipe Discharge Size:				Estimated Yield:		25 GPM			
Casing Size:		6.63		Depth Well:		320 feet		Depth Water:		168 feet			
		Water Bearing Stratifications:			Top		Bottom		Description				
					240		265		Sandstone/Gravel/Conglomerate				
					Casing Perforations:			Top		Bottom			
		152		304									

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer
Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	02664	3	3	2	05	23S	31E	613049	3578138*
Driller License: 331		Driller Company: SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.							
Driller Name:									
Drill Start Date:	01/20/2004	Drill Finish Date:		02/11/2004		Plug Date:			
Log File Date:	02/20/2004	PCW Rev Date:				Source: Shallow			
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:	13.00	Depth Well:		4291 feet		Depth Water: 354 feet			

*UTM location was derived from PLSS - see Help


The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/14/22 9:27 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer
Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	03749 POD1	2	2	15	23S	31E		616974	3575662 
Driller License: 331		Driller Company:		SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.					
Driller Name:									
Drill Start Date:	07/10/2014	Drill Finish Date:		08/06/2014		Plug Date:			
Log File Date:	09/11/2014	PCW Rcv Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:		5 GPM	
Casing Size:	4.50	Depth Well:		865 feet		Depth Water:		639 feet	
Water Bearing Stratifications:		Top	Bottom	Description					
		820	846	Limestone/Dolomite/Chalk					
Casing Perforations:		Top	Bottom						
		820	846						

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

ATTACHMENT B: PHOTOGRAPHIC LOG



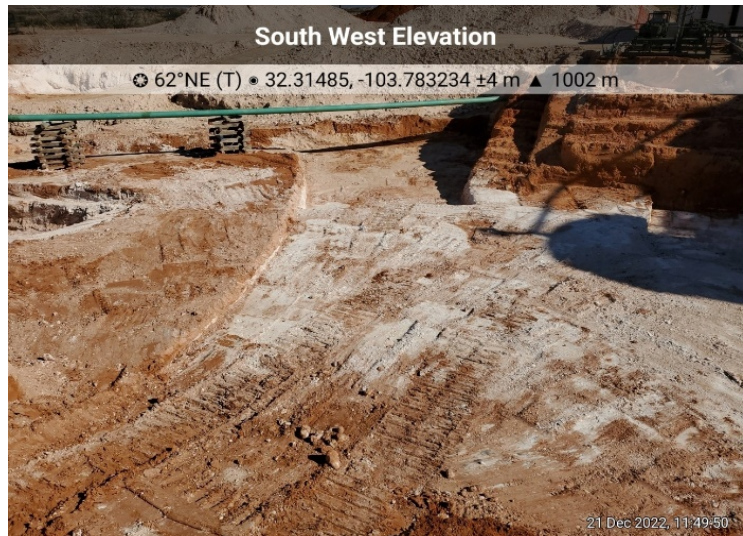
PHOTOGRAPHIC LOG
KO LANTA 9 CTB 3
Devon Energy Production Company

Photograph No. 1

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

Description:
Area of excavation.

**Photograph No. 2**

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

Description:
Area of excavation.

**Photograph No. 3**

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

Description:
Area of excavation.



PHOTOGRAPHIC LOG
KO LANTA 9 CTB 3
Devon Energy Production Company

Photograph No. 4

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

Description:
Area of excavation.

**Photograph No. 5**

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

Description:
Area of excavation.

**Photograph No. 6**

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

Description:
Area of excavation.



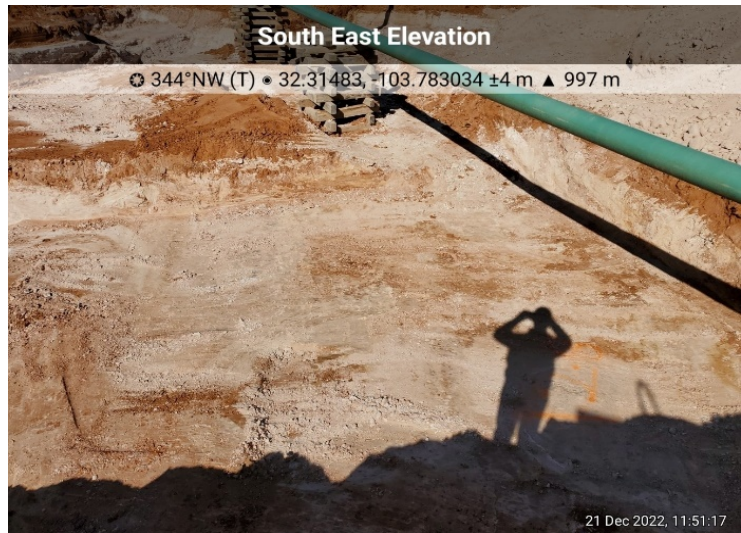
PHOTOGRAPHIC LOG
KO LANTA 9 CTB 3
Devon Energy Production Company

Photograph No. 7

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

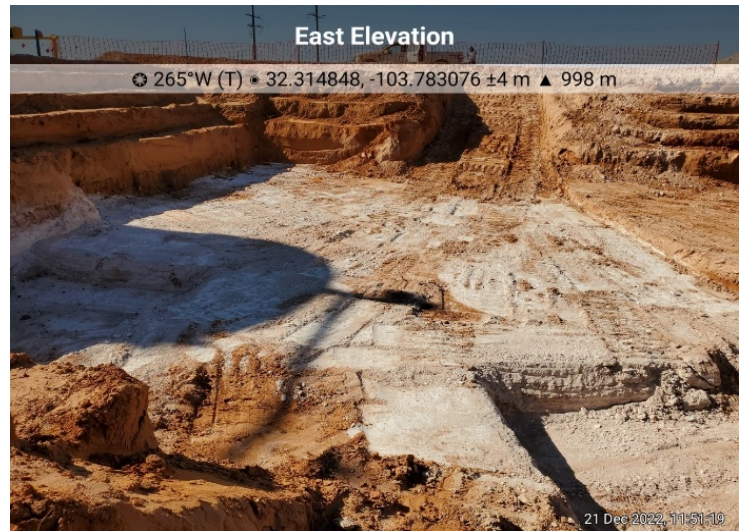
Description:
Area of excavation.

**Photograph No. 8**

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

Description:
Area of excavation.

**Photograph No. 9**

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

Description:
Area of excavation.



PHOTOGRAPHIC LOG
KO LANTA 9 CTB 3
Devon Energy Production Company

Photograph No. 10

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

Description:
Area of excavation.

**Photograph No. 11**

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

Description:
Area of excavation.

**Photograph No. 12**

Facility: Ko Lanta 9 CTB 3

County: Eddy County, New Mexico

Description:
Area of excavation.



ATTACHMENT C: CONFIRMATION SAMPLING NOTIFICATIONS



Jordan Tyner

From: Jordan Tyner
Sent: Monday, September 26, 2022 1:14 PM
To: Jordan Tyner
Subject: RE: Sampling Event

The sampling event has been changed to September 29, 2022.

From: Jordan Tyner
Sent: Monday, September 26, 2022 1:04 PM
To: New Mexico OCD <ocd.enviro@state.nm.us>
Cc: Ethan Sessums <ESessums@ntglobal.com>
Subject: Sampling Event

We will be conducting a sampling event on behalf of Devon on September 28, 2022 around 10am.

nAPP2221348013	KO Lanta 9 CTB 3	8/1/2022
----------------	------------------	----------

Jordan Tyner
Project Scientist
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (903) 309-8358 W: (432) 813-0263
Email: jtyner@ntglobal.com
<http://www.ntgenvironmental.com/>



Jordan Tyner

From: Jordan Tyner
Sent: Wednesday, October 5, 2022 2:57 PM
To: New Mexico OCD
Cc: Ethan Sessums
Subject: Sampling Event

We will be conducting a sampling event on behalf of Devon on October 7, 2022 around 10am

nAPP2221348013	KO Lanta 9 CTB 3	8/1/2022
----------------	------------------	----------

Jordan Tyner
Project Scientist
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (903) 309-8358 W: (432) 813-0263
Email: jtyner@ntglobal.com
<http://www.ntgenvironmental.com/>



Jordan Tyner

From: Jordan Tyner
Sent: Tuesday, October 11, 2022 9:41 PM
To: New Mexico OCD
Subject: Sampling Event

We will be conducting a sampling event on behalf of Devon on October 13, 2022 around 10am

nAPP2221348013	KO Lanta 9 CTB 3	8/1/2022
----------------	------------------	----------

Jordan Tyner

From: Ethan Sessums
Sent: Monday, December 19, 2022 8:14 AM
To: Enviro, OCD, EMNRD; ocd.enviro@state.nm.us
Cc: Jordan Tyner
Subject: Sampling Notification

We will be conducting a sampling event on behalf of Devon on December the 21st around 10am.

nAPP2221348013 KO Lanta 9 CTB 3 8/1/2022

Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: essesums@ntglobal.com
<http://www.ntgenvironmental.com/>



Jordan Tyner

From: Jordan Tyner
Sent: Tuesday, January 3, 2023 9:12 AM
To: Jordan Tyner; New Mexico OCD
Cc: Ethan Sessums
Subject: RE: Sampling Event

Correction- January 5, 2023

From: Jordan Tyner
Sent: Tuesday, January 3, 2023 9:06 AM
To: New Mexico OCD <ocd.enviro@state.nm.us>
Cc: Ethan Sessums <ESessums@ntglobal.com>
Subject: Sampling Event

We will be conducting a sampling event on behalf of Devon on January 3, 2023 around 10am

nAPP2221348013	KO Lanta 9 CTB 3	8/1/2022
----------------	------------------	----------

Jordan Tyner
Project Scientist
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (903) 309-8358 W: (432) 813-0263
Email: jtyner@ntglobal.com
<http://www.ntgenvironmental.com/>



ATTACHMENT D: LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION



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

August 12, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: KO LANTA 9 CTB 3

Enclosed are the results of analyses for samples received by the laboratory on 08/10/22 16:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

September 15, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: KO LANTA

Enclosed are the results of analyses for samples received by the laboratory on 09/13/22 13:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 (8-8.5) (H224207-01)

BTEX 8021B		mg/kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55	GC-NC1
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90	
Total Xylenes*	0.212	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13	
Total BTEX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	18.3	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	582	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	92.4	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 (9-9.5) (H224207-02)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTEx	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 (10-10.5) (H224207-03)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 (11-11.5) (H224207-04)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 (12-12.5) (H224207-05)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	35.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 (13-13.5) (H224207-06)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 (12-12.5) (H224207-07)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 (13-13.5) (H224207-08)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 93.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 (14-14.5) (H224207-09)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 (15-15.5) (H224207-10)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 (16-16.5) (H224207-11)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 (17-17.5) (H224207-12)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 91.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/13/2022
 Reported: 09/15/2022
 Project Name: KO LANTA
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

Sampling Date: 09/13/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 (18-18.5) (H224207-13)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.83	91.3	2.00	6.55		
Toluene*	<0.050	0.050	09/14/2022	ND	1.80	90.2	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.76	88.2	2.00	6.90		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	5.56	92.7	6.00	6.13		
Total BTX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	183	91.7	200	6.70	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	191	95.4	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.3 % 46.3-178

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Notes and Definitions

GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 1 (H223614-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	<0.050	0.050	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEX	<0.300	0.300	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/12/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	236	10.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	57.4	10.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 80.6 % 43-149

Surrogate: 1-Chlorooctadecane 87.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 2 (H223614-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	0.074	0.050	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEx	<0.300	0.300	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/12/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	33.6	10.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 3 (H223614-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	<0.050	0.050	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTX	<0.300	0.300	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/12/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	96.7	10.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 4 (H223614-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	<0.050	0.050	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTX	<0.300	0.300	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/12/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 90.5 % 43-149

Surrogate: 1-Chlorooctadecane 108 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 5 (H223614-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2022	ND	2.06	103	2.00	2.17		
Toluene*	<0.050	0.050	08/11/2022	ND	2.15	107	2.00	1.88		
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.22	111	2.00	2.79		
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.82	114	6.00	2.97		
Total BTEx	<0.300	0.300	08/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/12/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	66.1	10.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 6 (H223614-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	0.075	0.050	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEx	<0.300	0.300	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/12/2022	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	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 74.7 % 43-149

Surrogate: 1-Chlorooctadecane 88.5 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 7 (H223614-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	0.159	0.050	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	0.053	0.050	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	0.265	0.150	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEX	0.476	0.300	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/12/2022	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	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 80.8 % 43-149

Surrogate: 1-Chlorooctadecane 97.0 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 (3') (H223614-08)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.84	1.00	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	25.4	1.00	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	16.2	1.00	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	93.3	3.00	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEX	137	6.00	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 152 % 69.9-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2860	50.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	11500	50.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	1810	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 350 % 43-149

Surrogate: 1-Chlorooctadecane 429 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 (4') (H223614-09)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	12.7	2.00	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	129	2.00	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	50.2	2.00	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	276	6.00	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEX	468	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 145 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	8580	50.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	18800	50.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	3050	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 790 % 43-149

Surrogate: 1-Chlorooctadecane 1300 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 (5') (H223614-10)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	18.5	2.00	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	145	2.00	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	52.4	2.00	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	285	6.00	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEX	501	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 144 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	7910	50.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	18600	50.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	2770	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 706 % 43-149

Surrogate: 1-Chlorooctadecane 667 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 (6') (H223614-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	10.2	2.00	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	101	2.00	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	40.7	2.00	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	228	6.00	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEX	380	12.0	08/11/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/12/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	6570	50.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	14600	50.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	2460	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 559 % 43-149

Surrogate: 1-Chlorooctadecane 838 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 (7') (H223614-12)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	19.3	2.00	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	152	2.00	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	51.7	2.00	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	298	6.00	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEX	521	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 141 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	8290	50.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	15800	50.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	2460	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 676 % 43-149

Surrogate: 1-Chlorooctadecane 691 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 (1') (H223614-13)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	5.41	2.00	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	94.7	2.00	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	50.1	2.00	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	313	6.00	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEX	464	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 150 % 69.9-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5520	50.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	17300	50.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	2780	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 847 % 43-149

Surrogate: 1-Chlorooctadecane 1020 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 (2') (H223614-14)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.09	2.00	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	94.9	2.00	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	46.1	2.00	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	266	6.00	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEX	414	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	6490	50.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	19000	50.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	3040	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 1110 % 43-149

Surrogate: 1-Chlorooctadecane 1430 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 (3') (H223614-15)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	8.30	2.00	08/11/2022	ND	2.06	103	2.00	2.17	
Toluene*	114	2.00	08/11/2022	ND	2.15	107	2.00	1.88	
Ethylbenzene*	51.7	2.00	08/11/2022	ND	2.22	111	2.00	2.79	
Total Xylenes*	294	6.00	08/11/2022	ND	6.82	114	6.00	2.97	
Total BTEX	468	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 148 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	6560	50.0	08/11/2022	ND	226	113	200	3.74	
DRO >C10-C28*	16500	50.0	08/11/2022	ND	195	97.7	200	3.02	
EXT DRO >C28-C36	2490	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 652 % 43-149

Surrogate: 1-Chlorooctadecane 956 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 (4') (H223614-16)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	10.8	2.00	08/11/2022	ND	2.02	101	2.00	5.88	QM-07, QR-03
Toluene*	135	2.00	08/11/2022	ND	2.08	104	2.00	5.92	QR-03, QM-07
Ethylbenzene*	57.3	2.00	08/11/2022	ND	2.13	106	2.00	6.85	QM-07, QR-03
Total Xylenes*	322	6.00	08/11/2022	ND	6.45	108	6.00	6.63	QM-07, QR-03
Total BTEX	525	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/12/2022	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*	5680	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	17300	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	2370	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 553 % 43-149

Surrogate: 1-Chlorooctadecane 280 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 (5') (H223614-17)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	08/12/2022	ND	2.02	101	2.00	5.88	
Toluene*	12.5	1.00	08/12/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	8.61	1.00	08/12/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	52.9	3.00	08/12/2022	ND	6.45	108	6.00	6.63	
Total BTEX	74.0	6.00	08/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/12/2022	ND	432	108	400	0.00		

TPH 8015M	mg/kg	Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1290	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	5630	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	870	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 210 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 (1') (H223614-18)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.60	2.00	08/11/2022	ND	2.02	101	2.00	5.88	
Toluene*	50.1	2.00	08/11/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	34.1	2.00	08/11/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	211	6.00	08/11/2022	ND	6.45	108	6.00	6.63	
Total BTEX	297	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/12/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4360	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	22300	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	3150	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 635 % 43-149

Surrogate: 1-Chlorooctadecane 710 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 (2') (H223614-19)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	08/11/2022	ND	2.02	101	2.00	5.88	
Toluene*	30.6	2.00	08/11/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	22.5	2.00	08/11/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	143	6.00	08/11/2022	ND	6.45	108	6.00	6.63	
Total BTEX	197	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/12/2022	ND	432	108	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3090	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	15700	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	2210	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 495 % 43-149

Surrogate: 1-Chlorooctadecane 264 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 (3') (H223614-20)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	7.86	2.00	08/11/2022	ND	2.02	101	2.00	5.88	
Toluene*	116	2.00	08/11/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	50.1	2.00	08/11/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	283	6.00	08/11/2022	ND	6.45	108	6.00	6.63	
Total BTEX	457	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/12/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5550	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	17000	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	2260	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 544 % 43-149

Surrogate: 1-Chlorooctadecane 320 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 (4') (H223614-21)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	5.40	2.00	08/11/2022	ND	2.02	101	2.00	5.88	
Toluene*	96.9	2.00	08/11/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	43.7	2.00	08/11/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	255	6.00	08/11/2022	ND	6.45	108	6.00	6.63	
Total BTEX	401	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5220	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	18900	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	2630	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 589 % 43-149

Surrogate: 1-Chlorooctadecane 1030 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 (5') (H223614-22)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	08/11/2022	ND	2.02	101	2.00	5.88	
Toluene*	27.0	2.00	08/11/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	17.1	2.00	08/11/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	105	6.00	08/11/2022	ND	6.45	108	6.00	6.63	
Total BTEX	149	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/12/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1930	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	9300	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	1380	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 326 % 43-149

Surrogate: 1-Chlorooctadecane 200 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 (6') (H223614-23)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.92	2.00	08/11/2022	ND	2.02	101	2.00	5.88	
Toluene*	51.3	2.00	08/11/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	28.7	2.00	08/11/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	175	6.00	08/11/2022	ND	6.45	108	6.00	6.63	
Total BTEX	258	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/12/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3270	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	13500	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	1920	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 441 % 43-149

Surrogate: 1-Chlorooctadecane 380 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 (2') (H223614-24)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	08/11/2022	ND	2.02	101	2.00	5.88	
Toluene*	50.6	2.00	08/11/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	33.1	2.00	08/11/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	200	6.00	08/11/2022	ND	6.45	108	6.00	6.63	
Total BTEX	283	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/12/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4150	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	16600	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	2190	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 517 % 43-149

Surrogate: 1-Chlorooctadecane 270 % 42.5-161

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 (3') (H223614-25)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.91	2.00	08/11/2022	ND	2.02	101	2.00	5.88	
Toluene*	89.5	2.00	08/11/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	44.7	2.00	08/11/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	263	6.00	08/11/2022	ND	6.45	108	6.00	6.63	
Total BTEX	402	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/12/2022	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4960	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	17200	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	2220	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 553 % 43-149

Surrogate: 1-Chlorooctadecane 276 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 (4') (H223614-26)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.58	2.00	08/11/2022	ND	2.02	101	2.00	5.88	
Toluene*	65.3	2.00	08/11/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	32.6	2.00	08/11/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	193	6.00	08/11/2022	ND	6.45	108	6.00	6.63	
Total BTEX	294	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/12/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3330	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	11000	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	1540	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 408 % 43-149

Surrogate: 1-Chlorooctadecane 212 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 (5') (H223614-27)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	7.42	2.00	08/11/2022	ND	2.02	101	2.00	5.88	
Toluene*	117	2.00	08/11/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	54.5	2.00	08/11/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	316	6.00	08/11/2022	ND	6.45	108	6.00	6.63	
Total BTEX	495	12.0	08/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/12/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4480	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	15100	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	2290	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 510 % 43-149

Surrogate: 1-Chlorooctadecane 422 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 (6') (H223614-28)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	08/12/2022	ND	2.02	101	2.00	5.88	
Toluene*	15.3	1.00	08/12/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	8.34	1.00	08/12/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	50.4	3.00	08/12/2022	ND	6.45	108	6.00	6.63	
Total BTEX	74.0	6.00	08/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/12/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1080	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	3640	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	619	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 202 % 43-149

Surrogate: 1-Chlorooctadecane 191 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 08/10/2022
 Reported: 08/12/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 08/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 (7') (H223614-29)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	08/12/2022	ND	2.02	101	2.00	5.88	
Toluene*	13.9	1.00	08/12/2022	ND	2.08	104	2.00	5.92	
Ethylbenzene*	9.12	1.00	08/12/2022	ND	2.13	106	2.00	6.85	
Total Xylenes*	56.5	3.00	08/12/2022	ND	6.45	108	6.00	6.63	
Total BTEX	79.5	6.00	08/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/12/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	694	50.0	08/11/2022	ND	196	98.2	200	7.14	
DRO >C10-C28*	3490	50.0	08/11/2022	ND	212	106	200	2.87	
EXT DRO >C28-C36	517	50.0	08/11/2022	ND					

Surrogate: 1-Chlorooctane 183 % 43-149

Surrogate: 1-Chlorooctadecane 190 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 10333014

Page 1 of 3

Page 32 of 34

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	Ko Lanta 9 CTB 3	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:	226038	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	48HR													None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co.	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool	MeOH: Me				
Sampler's Name:	Jordan Tyner																HCL: HC	HNO ₃ : HN				
PO #:	21057636															H ₂ SO ₄ : H ₂	NaOH: Na					
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP				
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113													NaHSO ₄ : NABIS						
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-0.16°C													Na ₂ S ₂ O ₃ : NaSO ₃						
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	18.9°C													Zn Acetate+NaOH: Zn						
Total Containers:	29	Corrected Temperature:	18.3°C													NaOH+Ascorbic Acid: SAPC						
Sample Identification				Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
H-1	8/10/2022		X		Grab/	1	X	X	X													
H-2	8/10/2022		X		Grab/	1	X	X	X													
H-3	8/10/2022		X		Grab/	1	X	X	X													
H-4	8/10/2022		X		Grab/	1	X	X	X													
H-5	8/10/2022		X		Grab/	1	X	X	X													
H-6	8/10/2022		X		Grab/	1	X	X	X													
H-7	8/10/2022		X		Grab/	1	X	X	X													
S-1 (3ft)	8/10/2022		X		Grab/	1	X	X	X													
S-1 (4ft)	8/10/2022		X		Grab/	1	X	X	X													
S-1 (5ft)	8/10/2022		X		Grab/	1	X	X	X													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Chain of Custody

Work Order No: 10234014Page 2 of 3

Page 33 of 34

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devon.com

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

Project Name:	Ko Lanta 9 CTB 3	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	48HR	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	226038																None: NO	DI Water: H ₂ O	
Project Location:	Eddy Co.																Cool: Cool	MeOH: Me	
Sampler's Name:	Jordan Tyner																HCL: HC	HNO ₃ : HN	
PO #:	21057636																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												H ₃ PO ₄ : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:															NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:															Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													
S-1(6ft)	8/10/2022		X		Grab/	1	X	X	X										
S-1(7ft)	8/10/2022		X		Grab/	1	X	X	X										
S-2(1ft)	8/10/2022		X		Grab/	1	X	X	X										
S-2(2ft)	8/10/2022		X		Grab/	1	X	X	X										
S-2(3ft)	8/10/2022		X		Grab/	1	X	X	X										
S-2(4ft)	8/10/2022		X		Grab/	1	X	X	X										
S-2(5ft)	8/10/2022		X		Grab/	1	X	X	X										
S-3(1ft)	8/10/2022		X		Grab/	1	X	X	X										
S-3(2ft)	8/10/2022		X		Grab/	1	X	X	X										
S-3(3ft)	8/10/2022		X		Grab/	1	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8/10/2022			



Chain of Custody

Work Order No: 1003014

Page 3 of 3

Page 34 of 34

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devon.com

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

Project Name:	Ko Lanta 9 CTB 3		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number:	226038		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush															None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC					
Project Location:	Eddy Co.		Due Date:	48HR																				
Sampler's Name:	Jordan Tyner		TAT starts the day received by the lab, if received by 4:30pm																					
PO #:	21057636																							
SAMPLE RECEIPT						Parameters																		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	BTEX 8021B																		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-0.10			TPH 8015M (GRO + DRO + MRO)																		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	12.9°C			Chloride 4500																		
Total Containers:		Corrected Temperature:	12.3°C																	HOLD				
Sample Identification						Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
S-3(4ft)						8/10/2022		X		Grab/	1	X	X	X										
S-3(5ft)						8/10/2022		X		Grab/	1	X	X	X										
S-3(6ft)						8/10/2022		X		Grab/	1	X	X	X										
S-4(2ft)						8/10/2022		X		Grab/	1	X	X	X										
S-4(3ft)						8/10/2022		X		Grab/	1	X	X	X										
S-4(4ft)						8/10/2022		X		Grab/	1	X	X	X										
S-4(5ft)						8/10/2022		X		Grab/	1	X	X	X										
S-4(6ft)						8/10/2022		X		Grab/	1	X	X	X										
S-4(7ft)						8/10/2022		X		Grab/	1	X	X	X										

Additional Comments:

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October 03, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: KO LANTA 9 CTB 3

Enclosed are the results of analyses for samples received by the laboratory on 09/29/22 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 10' (H224538-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93		
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0		
Total BTEX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	225	113	200	5.80	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 10' (H224538-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	225	113	200	5.80	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 74.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.6 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 10' (H224538-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	225	113	200	5.80	
DRO >C10-C28*	690	10.0	09/30/2022	ND	242	121	200	8.39	
EXT DRO >C28-C36	160	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 10' (H224538-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	225	113	200	5.80	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 10' (H224538-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTEX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	225	113	200	5.80	
DRO >C10-C28*	12.5	10.0	09/30/2022	ND	242	121	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 10' (H224538-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	225	113	200	5.80	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 10' (H224538-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTEX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	20.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 10' (H224538-08)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 10' (H224538-09)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	0.145	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	0.123	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	0.503	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTX	0.771	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	491	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	97.7	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 150 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 10 10' (H224538-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	31.1	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	18.5	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 91.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 11 8' (H224538-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 12 8' (H224538-12)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/30/2022	ND	400	100	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	239	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	48.4	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 13 8' (H224538-13)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 14 8' (H224538-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTEX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 15 8' (H224538-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTEX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 134 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 16 8' (H224538-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTEX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	40.3	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 17 8' (H224538-17)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 18 8' (H224538-18)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 19 8' (H224538-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 20 10' (H224538-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.09	105	2.00	9.93	
Toluene*	<0.050	0.050	09/30/2022	ND	2.23	112	2.00	8.11	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.08	104	2.00	9.84	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.32	105	6.00	11.0	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	76.4	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	13.7	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 99.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 21 10' (H224538-21)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	301	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	66.9	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 144 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 22 10' (H224538-22)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	139	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	38.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 23 12' (H224538-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 96.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 24 12' (H224538-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 25 12' (H224538-25)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 26 12' (H224538-26)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/30/2022	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	09/30/2022	ND	210	105	200	0.326	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	202	101	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.7 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 27 12' (H224538-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 90.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 28 12' (H224538-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90		
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05		
Total BTEx	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 29 12' (H224538-29)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 30 12' (H224538-30)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/30/2022	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	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 31 12' (H224538-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/30/2022	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	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 96.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 32 12' (H224538-32)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/30/2022	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	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 33 12' (H224538-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90		
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05		
Total BTEx	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 34 12' (H224538-34)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90		
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05		
Total BTX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	12.1	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 35 12' (H224538-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90		
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05		
Total BTEx	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	84.9	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	19.5	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 36 12' (H224538-36)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 37 12' (H224538-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 38 12' (H224538-38)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90		
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05		
Total BTX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	39.9	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 39 12' (H224538-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	57.3	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 86.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 40 12' (H224538-40)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.11	105	2.00	2.90	
Toluene*	<0.050	0.050	09/30/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.06	103	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.23	104	6.00	3.05	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	73.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	14.1	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 41 12' (H224538-41)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	150	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	25.2	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 97.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 42 12' (H224538-42)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 43 12' (H224538-43)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	14.2	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 98.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 44 12' (H224538-44)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTEx	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (H224538-45)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	58.5	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (H224538-46)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	106	200	3.84	
DRO >C10-C28*	79.5	10.0	09/30/2022	ND	193	96.5	200	7.27	
EXT DRO >C28-C36	16.5	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 91.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (H224538-47)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (H224538-48)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	20.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 97.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (H224538-49)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTEX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (H224538-50)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTEX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (H224538-51)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTEX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (H224538-52)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTEX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (H224538-53)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18	
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96	
Total BTEX	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (H224538-54)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTEX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	35.9	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 11 (H224538-55)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTEx	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	170	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	25.1	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 12 (H224538-56)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTEx	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 13 (H224538-57)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 14 (H224538-58)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTEx	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.0 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 15 (H224538-59)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTEX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.3 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 16 (H224538-60)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	1.92	95.8	2.00	3.18		
Toluene*	<0.050	0.050	09/30/2022	ND	1.94	97.0	2.00	2.75		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.93	96.4	2.00	2.92		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.87	97.9	6.00	2.96		
Total BTEx	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 17 (H224538-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	8.04		
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83		
Total BTEx	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 18 (H224538-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	8.04		
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83		
Total BTEx	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 19 (H224538-63)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	8.04		
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83		
Total BTEX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 20 (H224538-64)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	8.04		
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83		
Total BTEX	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 21 (H224538-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	8.04		
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64		
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05		
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83		
Total BTEx	<0.300	0.300	09/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	33.8	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 09/29/2022
 Reported: 10/03/2022
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 22 (H224538-66)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	09/30/2022	ND	2.22	111	2.00	7.64	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	2.07	103	2.00	7.05	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	6.24	104	6.00	7.83	
Total BTEx	<0.300	0.300	09/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2022	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	09/30/2022	ND	224	112	200	1.18	
DRO >C10-C28*	24.9	10.0	09/30/2022	ND	242	121	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Caley D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 1224538-1-1

Page 1 of 7

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Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	Ko Lanta 9 CTB 3	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	226038	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush													None: NO	DI Water: H ₂ O
Project Location:	Eddy Co, NM	Due Date:	48Hr													Cool: Cool	MeOH: Me
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN
PO #:	21057636															H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:	66	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont											Sample Comments
CS-1 10'	9/29/2022		X		Comp	1	X	X	X								
CS-2 10'	9/29/2022		X		Comp	1	X	X	X								
CS-3 10'	9/29/2022		X		Comp	1	X	X	X								
CS-4 10'	9/29/2022		X		Comp	1	X	X	X								
CS-5 10'	9/29/2022		X		Comp	1	X	X	X								
CS-6 10'	9/29/2022		X		Comp	1	X	X	X								
CS-7 10'	9/29/2022		X		Comp	1	X	X	X								
CS-8 10'	9/29/2022		X		Comp	1	X	X	X								
CS-9 10'	9/29/2022		X		Comp	1	X	X	X								
CS-10 10'	9/29/2022		X		Comp	1	X	X	X								

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		9-29-22 1500	2		
3			4		
5			6		



Chain of Custody

Work Order No: 1824538-1-14

Page 2 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Matthews@dev.com

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

Project Name:	Ko Lanta 9 CTB 3	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	226038	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O	
Project Location:	Eddy Co. NM	Due Date:	48Hr														Cool: Cool	MeOH: Me	
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN	
PO #:	21057636																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP		
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:															NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:															Zn Acetate+NaOH: Zn		
Total Containers:	66	Corrected Temperature:															NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-11 8'	9/29/2022		X		Comp	1	X	X	X										
CS-12 8'	9/29/2022		X		Comp	1	X	X	X										
CS-13 8'	9/29/2022		X		Comp	1	X	X	X										
CS-14 8'	9/29/2022		X		Comp	1	X	X	X										
CS-15 8'	9/29/2022		X		Comp	1	X	X	X										
CS-16 8'	9/29/2022		X		Comp	1	X	X	X										
CS-17 8'	9/29/2022		X		Comp	1	X	X	X										
CS-18 8'	9/29/2022		X		Comp	1	X	X	X										
CS-19 8'	9/29/2022		X		Comp	1	X	X	X										
CS-20 10'	9/29/2022		X		Comp	1	X	X	X										

Additional Comments:					
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9/29/22 1500			



Chain of Custody

Work Order No: 224538-14

Page 3 of 7

Page 71 of 75

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devon.com

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

Project Name:	Ko Lanta 9 CTB 3	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	226038	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush															None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co, NM	Due Date:	48Hr															Cool: Cool	MeOH: Me		
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO ₃ : HN		
PO #:	21057636																H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:	66	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
CS-21 10'		9/29/2022		X		Comp	1	BTX 8021B													
CS-22 10'		9/29/2022		X		Comp	1	TPH 8015M (GRO + DRO + MRO)													
CS-23 12'		9/29/2022		X		Comp	1	Chloride 4500													
CS-24 12'		9/29/2022		X		Comp	1														
CS-25 12'		9/29/2022		X		Comp	1														
CS-26 12'		9/29/2022		X		Comp	1														
CS-27 12'		9/29/2022		X		Comp	1														
CS-28 12'		9/29/2022		X		Comp	1														
CS-29 12'		9/29/2022		X		Comp	1														
CS-30 12'		9/29/2022		X		Comp	1														

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9/29/22 1500			



Chain of Custody

Work Order No: 12244538-1-L

Page 4 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dyn.com

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

Project Name:		Ko Lanta 9 CTB 3		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:		226038		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O
Project Location:		Eddy Co, NM		Due Date:		48Hr													Cool: Cool	MeOH: Me
Sampler's Name:		Jordan Tyner		TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN
PO #:		21057636																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP
Received In tact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															NaHSO ₄ : NABIS
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															Na ₂ S ₂ O ₅ : NaSO ₃
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Corrected Temperature:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															Zn Acetate+NaOH: Zn
Total Containers:		66																		NaOH+Ascorbic Acid: SAPC
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-31 12'		9/29/2022		X		Comp	1	X	X	X										
CS-32 12'		9/29/2022		X		Comp	1	X	X	X										
CS-33 12'		9/29/2022		X		Comp	1	X	X	X										
CS-34 12'		9/29/2022		X		Comp	1	X	X	X										
CS-35 12'		9/29/2022		X		Comp	1	X	X	X										
CS-36 12'		9/29/2022		X		Comp	1	X	X	X										
CS-37 12'		9/29/2022		X		Comp	1	X	X	X										
CS-38 12'		9/29/2022		X		Comp	1	X	X	X										
CS-39 12'		9/29/2022		X		Comp	1	X	X	X										
CS-40 12'		9/29/2022		X		Comp	1	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time



Chain of Custody

Work Order No: 1224538-1-6

Page 5 of 7

Page 73 of 75

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	Ko Lanta 9 CTB 3	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	226038	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co, NM	Due Date:	48Hr														Cool: Cool	MeOH: Me		
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO ₃ : HN	
PO #:	21057636																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																Zn Acetate+NaOH: Zn		
Total Containers:	66	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
CS-41 12'	9/29/2022		X		Comp	1	X	X	X	X										
CS-42 12'	9/29/2022		X		Comp	1	X	X	X	X										
CS-43 12'	9/29/2022		X		Comp	1	X	X	X	X										
CS-44 12'	9/29/2022		X		Comp	1	X	X	X	X										
SW-1	9/29/2022		X		Comp	1	X	X	X	X										
SW-2	9/29/2022		X		Comp	1	X	X	X	X										
SW-3	9/29/2022		X		Comp	1	X	X	X	X										
SW-4	9/29/2022		X		Comp	1	X	X	X	X										
SW-5	9/29/2022		X		Comp	1	X	X	X	X										
SW-6	9/29/2022		X		Comp	1	X	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time



Chain of Custody

Work Order No: 1224538-1-1

Page 6 of 7

Page 74 of 75

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devon.com

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

Project Name:	Ko Lanta 9 CTB 3	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	226038	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush												None: NO DI Water: H ₂ O			
Project Location:	Eddy Co, NM	Due Date:	48Hr												Cool: Cool MeOH: Me			
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm													HCL: HC HNO ₃ : HN			
PO #:	21057636														H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H ₃ PO ₄ : HP			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:													NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:													Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:													Zn Acetate+NaOH: Zn			
Total Containers:	66	Corrected Temperature:													NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
SW-7	9/29/2022		X		Comp	1	X	X	X									
SW-8	9/29/2022		X		Comp	1	X	X	X									
SW-9	9/29/2022		X		Comp	1	X	X	X									
SW-10	9/29/2022		X		Comp	1	X	X	X									
SW-11	9/29/2022		X		Comp	1	X	X	X									
SW-12	9/29/2022		X		Comp	1	X	X	X									
SW-13	9/29/2022		X		Comp	1	X	X	X									
SW-14	9/29/2022		X		Comp	1	X	X	X									
SW-15	9/29/2022		X		Comp	1	X	X	X									
SW-16	9/29/2022		X		Comp	1	X	X	X									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9-29-22 15:00			



Chain of Custody

Work Order No: 1624538.H

Page 7 of 7

Page 75 of 75

[illegible]

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

January 23, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: KO LANTA 9 CTB 3

Enclosed are the results of analyses for samples received by the laboratory on 10/07/22 13:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 11 A	H224721-01	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 23	H224721-02	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 24	H224721-03	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 25	H224721-04	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 26	H224721-05	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 27	H224721-06	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 28	H224721-07	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 29	H224721-08	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 30	H224721-09	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 31	H224721-10	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 32	H224721-11	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 33	H224721-12	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 34	H224721-13	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 35	H224721-14	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 36	H224721-15	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 37	H224721-16	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 38	H224721-17	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 39	H224721-18	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 40	H224721-19	Soil	07-Oct-22 00:00	07-Oct-22 13:12
SW - 41	H224721-20	Soil	07-Oct-22 00:00	07-Oct-22 13:12
CS - 3 (11')	H224721-21	Soil	07-Oct-22 00:00	07-Oct-22 13:12
CS - 9 (11')	H224721-22	Soil	07-Oct-22 00:00	07-Oct-22 13:12
CS - 12 (9')	H224721-23	Soil	07-Oct-22 00:00	07-Oct-22 13:12
CS - 22 (11')	H224721-24	Soil	07-Oct-22 00:00	07-Oct-22 13:12
CS - 21 (11')	H224721-25	Soil	07-Oct-22 00:00	07-Oct-22 13:12
CS - 35 (13')	H224721-26	Soil	07-Oct-22 00:00	07-Oct-22 13:12
CS - 41 (13')	H224721-27	Soil	07-Oct-22 00:00	07-Oct-22 13:12

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

10/11/22 - Client changed the sample ID of -24 (See COC). This is the revised report and will replace the one sent on 10/10/22.

01/23/23 - Client changed the sample ID of -01 (see COC). This is the 2nd revision of the report and will replace the one sent on 10/11/22

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 11 A
H224721-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2101011	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
---------------------------------------	-------	----------	--	---------	-----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane	101 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane	113 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 23**H224721-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101011	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		103 %		69.9-140		2100736	JH/	08-Oct-22	8021B	
---------------------------------------	--	-------	--	----------	--	---------	-----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane		93.7 %		45.3-161		2100734	MS	08-Oct-22	8015B	
---------------------------	--	--------	--	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane		103 %		46.3-178		2100734	MS	08-Oct-22	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 24**H224721-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101011	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	43.3		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane			104 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			119 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 25**H224721-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101011	GM	10-Oct-22	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane			89.9 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			101 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 26**H224721-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101011	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	12.2		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane			92.1 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			102 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 27**H224721-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	2101011	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane			88.9 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			98.2 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 28**H224721-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101011	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140 2100736 JH/ 08-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane 98.0 % 45.3-161 2100734 MS 08-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 109 % 46.3-178 2100734 MS 08-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 29**H224721-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101011	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		104 %		69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane		98.5 %		45.3-161		2100734	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane		109 %		46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 30**H224721-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101011	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140 2100736 JH/ 08-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane 99.9 % 45.3-161 2100734 MS 08-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 110 % 46.3-178 2100734 MS 08-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 31
H224721-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2101011	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			102 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			113 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 32**H224721-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101011	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane			106 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			120 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 33
H224721-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140 2100736 JH/ 08-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	13.8		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane 94.0 % 45.3-161 2100734 MS 08-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 105 % 46.3-178 2100734 MS 08-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 34**H224721-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane			102 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			115 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 35**H224721-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane			102 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			114 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 36
H224721-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane			89.4 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			99.4 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 37**H224721-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	0.454		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	0.454		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			119 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	24.7		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	913		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	156		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane			94.8 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			116 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 38
H224721-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	11.3		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			99.0 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			111 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 39
H224721-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100734	MS	08-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.9 %	45.3-161		2100734	MS	08-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			105 %	46.3-178		2100734	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 40**H224721-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100736	JH/	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100736	JH/	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2100736	JH/	08-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
DRO >C10-C28*	117		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	17.8		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane			88.9 %	45.3-161		2100747	MS	08-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			114 %	46.3-178		2100747	MS	08-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

SW - 41**H224721-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100737	JH	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140 2100737 JH 08-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
DRO >C10-C28*	13.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane 80.5 % 45.3-161 2100747 MS 08-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178 2100747 MS 08-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

CS - 3 (11')
H224721-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100737	JH	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140 2100737 JH 08-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
DRO >C10-C28*	20.3		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane 72.8 % 45.3-161 2100747 MS 08-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 89.2 % 46.3-178 2100747 MS 08-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

CS - 9 (11')
H224721-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100737	JH	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140 2100737 JH 08-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
DRO >C10-C28*	343		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	50.7		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane 79.7 % 45.3-161 2100747 MS 08-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 111 % 46.3-178 2100747 MS 08-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

CS - 12 (9')
H224721-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100737	JH	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140 2100737 JH 08-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
DRO >C10-C28*	20.2		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane 86.8 % 45.3-161 2100747 MS 08-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 105 % 46.3-178 2100747 MS 08-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

CS - 22 (11')**H224721-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100737	JH	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140 2100737 JH 08-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
DRO >C10-C28*	30.5		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane 78.6 % 45.3-161 2100747 MS 08-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 97.0 % 46.3-178 2100747 MS 08-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

CS - 21 (11')**H224721-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100737	JH	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140 2100737 JH 08-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane 85.8 % 45.3-161 2100747 MS 08-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 102 % 46.3-178 2100747 MS 08-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

CS - 35 (13')**H224721-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100737	JH	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140 2100737 JH 08-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
DRO >C10-C28*	11.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane 85.8 % 45.3-161 2100747 MS 08-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 102 % 46.3-178 2100747 MS 08-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

CS - 41 (13')**H224721-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101012	GM	10-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2100737	JH	08-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2100737	JH	08-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140 2100737 JH 08-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
DRO >C10-C28*	17.1		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2100747	MS	08-Oct-22	8015B	

Surrogate: 1-Chlorooctane 80.2 % 45.3-161 2100747 MS 08-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 97.8 % 46.3-178 2100747 MS 08-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2101011 - 1:4 DI Water**Blank (2101011-BLK1)**

Prepared & Analyzed: 10-Oct-22

Chloride	ND	16.0	mg/kg						
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LCS (2101011-BS1)

Prepared & Analyzed: 10-Oct-22

Chloride	416	16.0	mg/kg	400	104	80-120			
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LCS Dup (2101011-BSD1)

Prepared & Analyzed: 10-Oct-22

Chloride	400	16.0	mg/kg	400	100	80-120	3.92	20	
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Batch 2101012 - 1:4 DI Water**Blank (2101012-BLK1)**

Prepared & Analyzed: 10-Oct-22

Chloride	ND	16.0	mg/kg						
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LCS (2101012-BS1)

Prepared & Analyzed: 10-Oct-22

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (2101012-BSD1)

Prepared & Analyzed: 10-Oct-22

Chloride	400	16.0	mg/kg	400	100	80-120	7.69	20	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2100736 - Volatiles**Blank (2100736-BLK1)**

Prepared: 07-Oct-22 Analyzed: 08-Oct-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	69.9-140			

LCS (2100736-BS1)

Prepared: 07-Oct-22 Analyzed: 08-Oct-22

Benzene	2.08	0.050	mg/kg	2.00		104	83.4-122			
Toluene	2.07	0.050	mg/kg	2.00		103	84.2-126			
Ethylbenzene	2.01	0.050	mg/kg	2.00		100	84.2-121			
m,p-Xylene	4.11	0.100	mg/kg	4.00		103	89.9-126			
o-Xylene	1.98	0.050	mg/kg	2.00		98.9	84.3-123			
Total Xylenes	6.09	0.150	mg/kg	6.00		102	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0496		mg/kg	0.0500		99.3	69.9-140			

LCS Dup (2100736-BSD1)

Prepared: 07-Oct-22 Analyzed: 08-Oct-22

Benzene	2.02	0.050	mg/kg	2.00		101	83.4-122	3.17	12.6	
Toluene	1.97	0.050	mg/kg	2.00		98.5	84.2-126	4.77	13.3	
Ethylbenzene	1.94	0.050	mg/kg	2.00		97.0	84.2-121	3.39	13.9	
m,p-Xylene	3.98	0.100	mg/kg	4.00		99.6	89.9-126	3.18	13.6	
o-Xylene	1.93	0.050	mg/kg	2.00		96.7	84.3-123	2.29	14.1	
Total Xylenes	5.92	0.150	mg/kg	6.00		98.6	89.1-124	2.89	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0507		mg/kg	0.0500		101	69.9-140			

Batch 2100737 - Volatiles**Blank (2100737-BLK1)**

Prepared: 07-Oct-22 Analyzed: 08-Oct-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2100737 - Volatiles**Blank (2100737-BLK1)**

Prepared: 07-Oct-22 Analyzed: 08-Oct-22

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		95.2	69.9-140			

LCS (2100737-BS1)

Prepared: 07-Oct-22 Analyzed: 08-Oct-22

Benzene	2.20	0.050	mg/kg	2.00		110	83.4-122			
Toluene	2.10	0.050	mg/kg	2.00		105	84.2-126			
Ethylbenzene	2.03	0.050	mg/kg	2.00		101	84.2-121			
m,p-Xylene	4.18	0.100	mg/kg	4.00		104	89.9-126			
o-Xylene	1.98	0.050	mg/kg	2.00		99.1	84.3-123			
Total Xylenes	6.16	0.150	mg/kg	6.00		103	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0456		mg/kg	0.0500		91.3	69.9-140			

LCS Dup (2100737-BSD1)

Prepared: 07-Oct-22 Analyzed: 08-Oct-22

Benzene	2.13	0.050	mg/kg	2.00		106	83.4-122	3.32	12.6	
Toluene	2.03	0.050	mg/kg	2.00		102	84.2-126	3.06	13.3	
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.8	84.2-121	3.46	13.9	
m,p-Xylene	4.02	0.100	mg/kg	4.00		101	89.9-126	3.75	13.6	
o-Xylene	1.91	0.050	mg/kg	2.00		95.7	84.3-123	3.53	14.1	
Total Xylenes	5.94	0.150	mg/kg	6.00		99.0	89.1-124	3.68	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0461		mg/kg	0.0500		92.1	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2100734 - General Prep - Organics**Blank (2100734-BLK1)**

Prepared & Analyzed: 07-Oct-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	54.5		mg/kg	50.0		109	45.3-161			
Surrogate: 1-Chlorooctadecane	60.4		mg/kg	50.0		121	46.3-178			

LCS (2100734-BS1)

Prepared & Analyzed: 07-Oct-22

GRO C6-C10	203	10.0	mg/kg	200		101	76.8-124			
DRO >C10-C28	201	10.0	mg/kg	200		100	74.9-127			
Total TPH C6-C28	403	10.0	mg/kg	400		101	77.5-124			
Surrogate: 1-Chlorooctane	57.0		mg/kg	50.0		114	45.3-161			
Surrogate: 1-Chlorooctadecane	67.3		mg/kg	50.0		135	46.3-178			

LCS Dup (2100734-BS1)

Prepared & Analyzed: 07-Oct-22

GRO C6-C10	207	10.0	mg/kg	200		104	76.8-124	2.23	17.2	
DRO >C10-C28	205	10.0	mg/kg	200		102	74.9-127	2.19	18.6	
Total TPH C6-C28	412	10.0	mg/kg	400		103	77.5-124	2.21	17.6	
Surrogate: 1-Chlorooctane	60.8		mg/kg	50.0		122	45.3-161			
Surrogate: 1-Chlorooctadecane	71.2		mg/kg	50.0		142	46.3-178			

Batch 2100747 - General Prep - Organics**Blank (2100747-BLK1)**

Prepared: 07-Oct-22 Analyzed: 08-Oct-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.4		mg/kg	50.0		101	45.3-161			
Surrogate: 1-Chlorooctadecane	59.9		mg/kg	50.0		120	46.3-178			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:44

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2100747 - General Prep - Organics**LCS (2100747-BS1)**

Prepared: 07-Oct-22 Analyzed: 08-Oct-22

GRO C6-C10	223	10.0	mg/kg	200		111	76.8-124		
DRO >C10-C28	230	10.0	mg/kg	200		115	74.9-127		
Total TPH C6-C28	453	10.0	mg/kg	400		113	77.5-124		
Surrogate: 1-Chlorooctane	56.3		mg/kg	50.0		113	45.3-161		
Surrogate: 1-Chlorooctadecane	68.8		mg/kg	50.0		138	46.3-178		

LCS Dup (2100747-BSD1)

Prepared: 07-Oct-22 Analyzed: 08-Oct-22

GRO C6-C10	226	10.0	mg/kg	200		113	76.8-124	1.26	17.2
DRO >C10-C28	231	10.0	mg/kg	200		116	74.9-127	0.591	18.6
Total TPH C6-C28	457	10.0	mg/kg	400		114	77.5-124	0.920	17.6
Surrogate: 1-Chlorooctane	60.2		mg/kg	50.0		120	45.3-161		
Surrogate: 1-Chlorooctadecane	72.8		mg/kg	50.0		146	46.3-178		

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

10/3

Company Name: NTGE		P.O. #: 21057636	
Project Manager: Ethan Sessions		Company: NTGE	
Address: 402 E Wood Ave		Attn: Wesley Matthews	
City: Carlsbad		Address: 6488 Seven Road	
State: NM Zip: 88240		City: Artesia	
Phone #: 254) 266-5456 Fax #:		State: NM Zip: 88210	
Project #: _____		Project Owner:	
Project Name: Ko Lanta 9 CTB 3		Phone #:	
Project Location: Eddy Co. NM		Fax #:	
Sampler Name: Jordan Tyner		PRESERV	
FOR LAB USE ONLY		SAMPLING	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	Btex	TPH
H224721	SW-11A *	C	1	SOIL			10/7		X	X	X
1	SW-23	C	1	SOIL			10/7		X	X	X
2	SW-24	C	1	SOIL			10/7		X	X	X
3	SW-25	C	1	SOIL			10/7		X	X	X
4	SW-26	C	1	SOIL			10/7		X	X	X
5	SW-27	C	1	SOIL			10/7		X	X	X
6	SW-28	C	1	SOIL			10/7		X	X	X
7	SW-29	C	1	SOIL			10/7		X	X	X
8	SW-30	C	1	SOIL			10/7		X	X	X
9	SW-31	C	1	SOIL			10/7		X	X	X
10	SW-31	C	1	SOIL			10/7		X	X	X

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Relinquished By: **[Signature]** Date: **10-7-22** Time: **1312**

Received By: **[Signature]** Date: **10-7-22** Time: **1312**

Relinquished By: **[Signature]** Date: **10-7-22** Time: **1312**

Received By: **[Signature]** Date: **10-7-22** Time: **1312**

Delivered By: (Circle One) Observed Temp. °C **24.7** Sample Condition **Intact** CHECKED BY: **[Signature]**

Sampler - UPS - Bus - Other: Corrected Temp. °C **24.1** ☒ Yes ☐ No ☐ No

Turnaround Time: **Standard** ☐ **Rush** ☒ Bacteria (only) ☐ Cool Intact ☐ Yes ☐ No ☐ Yes ☐ No

Thermometer ID #113 Correction Factor -0.5°C **Rush 24h** ☐ Yes ☐ No ☐ Yes ☐ No

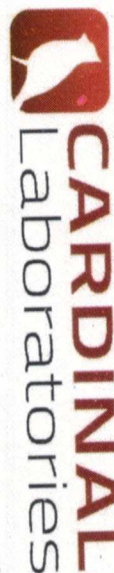
REMARKS: *** Customer requested 7D changes to 10/23/23**

Verbal Result: ☐ Yes ☐ No Add'l Phone #: _____

All Results are emailed. Please provide Email address: _____

FORM 006 7.3.3 07/10/22

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CS
LE
CN

[illegible]

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

January 23, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: KO LANTA 9 CTB 3

Enclosed are the results of analyses for samples received by the laboratory on 10/13/22 14:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:38

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 37 A	H224835-01	Soil	13-Oct-22 00:00	13-Oct-22 14:28
SW - 40 A	H224835-02	Soil	13-Oct-22 00:00	13-Oct-22 14:28
CS - 9 (12')	H224835-03	Soil	13-Oct-22 00:00	13-Oct-22 14:28

01/23/23 - Client changed the sample IDs on -01 and -02 (see COC). This is the revised report and will replace the one sent on 10/14/22.

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

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:38

SW - 37 A
H224835-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2101425	GM	14-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2101334	JH/	14-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140 2101334 JH/ 14-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2101320	MS	13-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2101320	MS	13-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2101320	MS	13-Oct-22	8015B	

Surrogate: 1-Chlorooctane 107 % 45.3-161 2101320 MS 13-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 129 % 46.3-178 2101320 MS 13-Oct-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:38

SW - 40 A
H224835-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	2101425	GM	14-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2101334	JH/	14-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2101334	JH/	14-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2101320	MS	13-Oct-22	8015B	
DRO >C10-C28*	31.7		10.0	mg/kg	1	2101320	MS	13-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2101320	MS	13-Oct-22	8015B	

Surrogate: 1-Chlorooctane			114 %	45.3-161		2101320	MS	13-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			140 %	46.3-178		2101320	MS	13-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:38

CS - 9 (12')
H224835-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	528		16.0	mg/kg	4	2101432	GM	14-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2101334	JH/	14-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2101334	JH/	14-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	69.9-140		2101334	JH/	14-Oct-22	8021B	
--	--	--	-------	----------	--	---------	-----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2101320	MS	13-Oct-22	8015B	
DRO >C10-C28*	15.8		10.0	mg/kg	1	2101320	MS	13-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2101320	MS	13-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			112 %	45.3-161		2101320	MS	13-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			135 %	46.3-178		2101320	MS	13-Oct-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:38

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2101425 - 1:4 DI Water**Blank (2101425-BLK1)**

Prepared & Analyzed: 14-Oct-22

Chloride	ND	16.0	mg/kg							
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LCS (2101425-BS1)

Prepared & Analyzed: 14-Oct-22

Chloride	432	16.0	mg/kg	400		108	80-120			
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LCS Dup (2101425-BSD1)

Prepared & Analyzed: 14-Oct-22

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Batch 2101432 - 1:4 DI Water**Blank (2101432-BLK1)**

Prepared & Analyzed: 14-Oct-22

Chloride	ND	16.0	mg/kg							
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LCS (2101432-BS1)

Prepared & Analyzed: 14-Oct-22

Chloride	400	16.0	mg/kg	400		100	80-120			
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LCS Dup (2101432-BSD1)

Prepared & Analyzed: 14-Oct-22

Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:38

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2101334 - Volatiles**Blank (2101334-BLK1)**

Prepared & Analyzed: 13-Oct-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0521		mg/kg	0.0500		104	69.9-140			

LCS (2101334-BS1)

Prepared & Analyzed: 13-Oct-22

Benzene	2.00	0.050	mg/kg	2.00		100	83.4-122			
Toluene	2.00	0.050	mg/kg	2.00		100	84.2-126			
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.8	84.2-121			
m,p-Xylene	4.08	0.100	mg/kg	4.00		102	89.9-126			
o-Xylene	1.97	0.050	mg/kg	2.00		98.7	84.3-123			
Total Xylenes	6.05	0.150	mg/kg	6.00		101	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	69.9-140			

LCS Dup (2101334-BS1)

Prepared & Analyzed: 13-Oct-22

Benzene	1.97	0.050	mg/kg	2.00		98.3	83.4-122	1.91	12.6	
Toluene	1.99	0.050	mg/kg	2.00		99.5	84.2-126	0.694	13.3	
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.0	84.2-121	0.187	13.9	
m,p-Xylene	4.10	0.100	mg/kg	4.00		103	89.9-126	0.576	13.6	
o-Xylene	1.96	0.050	mg/kg	2.00		97.9	84.3-123	0.804	14.1	
Total Xylenes	6.06	0.150	mg/kg	6.00		101	89.1-124	0.128	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0499		mg/kg	0.0500		99.9	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:38

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2101320 - General Prep - Organics**Blank (2101320-BLK1)**

Prepared & Analyzed: 13-Oct-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	45.3-161			
Surrogate: 1-Chlorooctadecane	57.5		mg/kg	50.0		115	46.3-178			

LCS (2101320-BS1)

Prepared & Analyzed: 13-Oct-22

GRO C6-C10	205	10.0	mg/kg	200		103	76.8-124			
DRO >C10-C28	215	10.0	mg/kg	200		107	74.9-127			
Total TPH C6-C28	420	10.0	mg/kg	400		105	77.5-124			
Surrogate: 1-Chlorooctane	53.1		mg/kg	50.0		106	45.3-161			
Surrogate: 1-Chlorooctadecane	68.1		mg/kg	50.0		136	46.3-178			

LCS Dup (2101320-BSD1)

Prepared & Analyzed: 13-Oct-22

GRO C6-C10	205	10.0	mg/kg	200		103	76.8-124	0.168	17.2	
DRO >C10-C28	210	10.0	mg/kg	200		105	74.9-127	2.24	18.6	
Total TPH C6-C28	415	10.0	mg/kg	400		104	77.5-124	1.22	17.6	
Surrogate: 1-Chlorooctane	56.0		mg/kg	50.0		112	45.3-161			
Surrogate: 1-Chlorooctadecane	71.1		mg/kg	50.0		142	46.3-178			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H224835

Page 1 of 1

Page 10 of 10

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	402 East Wood Avenue.	Address:	
City, State ZIP:	Carlsbad, New Mexico 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	
		NTG Mailing List	



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

[illegible]

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

Additoinal Comments:

* Customer requested sample ID changes. ~~NO~~ - 1/23/23

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		10-13-22 1428	2		
3			4		
5			6		

Revised Date: 05/01/2020 Rev: 2020

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

December 16, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: KO LANTA 9 CTB 3

Enclosed are the results of analyses for samples received by the laboratory on 12/13/22 9:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 45 (9')	H225857-01	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 46 (9')	H225857-02	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 47 (9')	H225857-03	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 48 (9')	H225857-04	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 49 (9')	H225857-05	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 50 (9')	H225857-06	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 51 (9')	H225857-07	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 52 (9')	H225857-08	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 53 (9')	H225857-09	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 54 (9')	H225857-10	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 55 (9')	H225857-11	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 56 (8')	H225857-12	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 57 (8')	H225857-13	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 58 (8')	H225857-14	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 59 (8')	H225857-15	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 60 (13')	H225857-16	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 61 (13')	H225857-17	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 62 (11')	H225857-18	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 63 (8')	H225857-19	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 64 (8')	H225857-20	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 65 (8')	H225857-21	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 66 (8')	H225857-22	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 67 (11')	H225857-23	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 68 (11')	H225857-24	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 69 (8')	H225857-25	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 70 (9')	H225857-26	Soil	12-Dec-22 00:00	13-Dec-22 09:45
CS - 71 (9')	H225857-27	Soil	12-Dec-22 00:00	13-Dec-22 09:45

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 72 (9')	H225857-28	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 42	H225857-29	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 43	H225857-30	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 44	H225857-31	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 45	H225857-32	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 46	H225857-33	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 47	H225857-34	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 48	H225857-35	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 49	H225857-36	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 50	H225857-37	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 51	H225857-38	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 52	H225857-39	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 53	H225857-40	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 54	H225857-41	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 55	H225857-42	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 56	H225857-43	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 57	H225857-44	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 58	H225857-45	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 59	H225857-46	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 60	H225857-47	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 61	H225857-48	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 62	H225857-49	Soil	12-Dec-22 00:00	13-Dec-22 09:45
SW - 63	H225857-50	Soil	12-Dec-22 00:00	13-Dec-22 09:45

12/16/22 - Client changed the sample IDs on all samples (see COC). This is the revised report and will replace the one sent on 12/14/22.

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 45 (9')
H225857-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121314	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140 2121303 JH 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	47.8		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 87.1 % 45.3-161 2121308 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 101 % 46.3-178 2121308 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 46 (9')
H225857-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121314	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140 2121303 JH 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	17.3		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 84.1 % 45.3-161 2121308 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 96.9 % 46.3-178 2121308 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 47 (9')
H225857-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121314	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	117		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	10.2		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			86.4 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 48 (9')
H225857-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2121314	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	197		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	25.5		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			89.2 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 49 (9')
H225857-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121314	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	73.3		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			78.3 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			90.4 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 50 (9')
H225857-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121314	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	32.9		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			78.5 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			87.5 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 51 (9')
H225857-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121314	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			82.1 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			89.6 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 52 (9')
H225857-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2121314	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	130		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	21.2		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			81.6 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			98.0 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 53 (9')
H225857-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121314	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	119		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	16.6		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			78.5 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			97.5 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 54 (9')
H225857-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121314	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		101 %		69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	671		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	117		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane		87.8 %		45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		114 %		46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 55 (9')
H225857-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121314	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.442		0.200	mg/kg	200	2121303	JH	14-Dec-22	8021B	
Toluene*	13.1		0.200	mg/kg	200	2121303	JH	14-Dec-22	8021B	
Ethylbenzene*	7.29		0.200	mg/kg	200	2121303	JH	14-Dec-22	8021B	
Total Xylenes*	58.4		0.600	mg/kg	200	2121303	JH	14-Dec-22	8021B	
Total BTEX	79.3		1.20	mg/kg	200	2121303	JH	14-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			198 %	69.9-140		2121303	JH	14-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	1280		50.0	mg/kg	5	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	8290		50.0	mg/kg	5	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	1390		50.0	mg/kg	5	2121308	MS	13-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			366 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			593 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 56 (8')
H225857-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	10.2		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			87.0 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			95.8 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 57 (8')
H225857-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140 2121303 JH 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 83.3 % 45.3-161 2121308 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 93.1 % 46.3-178 2121308 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 58 (8')
H225857-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140 2121303 JH 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 84.6 % 45.3-161 2121308 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 93.6 % 46.3-178 2121308 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 59 (8')
H225857-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			87.9 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			98.1 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 60 (13')
H225857-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.5 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			83.3 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 61 (13')
H225857-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140 2121303 JH 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 78.0 % 45.3-161 2121308 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 85.7 % 46.3-178 2121308 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 62 (11')
H225857-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	101		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	15.1		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			74.8 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			88.7 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 63 (8')
H225857-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	69.9-140		2121303	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			86.5 %	45.3-161		2121308	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			98.9 %	46.3-178		2121308	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 64 (8')
H225857-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121303	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121303	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140 2121303 JH 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121308	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 86.5 % 45.3-161 2121308 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 97.9 % 46.3-178 2121308 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 65 (8')
H225857-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	0.277		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 123 % 69.9-140 2121304 JH/ 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	194		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	QM-07
EXT DRO >C28-C36	29.6		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 90.5 % 45.3-161 2121309 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 97.6 % 46.3-178 2121309 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 66 (8')
H225857-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140 2121304 JH/ 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	250		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	42.1		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 86.5 % 45.3-161 2121309 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 91.0 % 46.3-178 2121309 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 67 (11')
H225857-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140 2121304 JH/ 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 82.9 % 45.3-161 2121309 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 78.6 % 46.3-178 2121309 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 68 (11')
H225857-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140 2121304 JH/ 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 85.6 % 45.3-161 2121309 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 80.2 % 46.3-178 2121309 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 69 (8')
H225857-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	464		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %		69.9-140	2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			78.3 %		45.3-161	2121309	MS	13-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			73.3 %		46.3-178	2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 70 (9')
H225857-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	4.34		1.00	mg/kg	1000	2121304	JH/	13-Dec-22	8021B	
Toluene*	62.8		1.00	mg/kg	1000	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	27.9		1.00	mg/kg	1000	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	157		3.00	mg/kg	1000	2121304	JH/	13-Dec-22	8021B	
Total BTEX	251		6.00	mg/kg	1000	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 138 % 69.9-140 2121304 JH/ 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	2270		50.0	mg/kg	5	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	9280		50.0	mg/kg	5	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	1750		50.0	mg/kg	5	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 189 % 45.3-161 2121309 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 196 % 46.3-178 2121309 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 71 (9')
H225857-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	69.9-140		2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	142		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	44.2		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			91.1 %	45.3-161		2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			96.2 %	46.3-178		2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

CS - 72 (9')
H225857-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140 2121304 JH/ 13-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane 82.3 % 45.3-161 2121309 MS 13-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 78.2 % 46.3-178 2121309 MS 13-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 42**H225857-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		69.9-140	2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			72.9 %		45.3-161	2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			69.3 %		46.3-178	2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 43**H225857-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %		69.9-140	2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			83.7 %		45.3-161	2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			79.4 %		46.3-178	2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 44**H225857-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	2121316	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	69.9-140		2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	175		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	33.9		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			91.6 %	45.3-161		2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			98.2 %	46.3-178		2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 45**H225857-32 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	69.9-140		2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			89.7 %	45.3-161		2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			86.3 %	46.3-178		2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 46
H225857-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		111 %		69.9-140		2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane		84.2 %		45.3-161		2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		80.8 %		46.3-178		2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 47**H225857-34 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	69.9-140		2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			93.6 %	45.3-161		2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			90.2 %	46.3-178		2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 48**H225857-35 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		107 %		69.9-140		2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane		85.5 %		45.3-161		2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		83.9 %		46.3-178		2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 49**H225857-36 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		110 %	69.9-140			2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane		89.3 %	45.3-161			2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		88.4 %	46.3-178			2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 50
H225857-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		111 %		69.9-140		2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane		89.5 %		45.3-161		2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		88.2 %		46.3-178		2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 51
H225857-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	69.9-140		2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			87.8 %	45.3-161		2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			85.0 %	46.3-178		2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 52**H225857-39 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		69.9-140	2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			87.2 %		45.3-161	2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			83.8 %		46.3-178	2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 53**H225857-40 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121304	JH/	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121304	JH/	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	69.9-140		2121304	JH/	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121309	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			81.3 %	45.3-161		2121309	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			78.6 %	46.3-178		2121309	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 54
H225857-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121305	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %		69.9-140	2121305	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			82.1 %		45.3-161	2121310	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			85.2 %		46.3-178	2121310	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 55
H225857-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121305	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2121305	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			83.0 %	45.3-161		2121310	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			87.5 %	46.3-178		2121310	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 56
H225857-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121305	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2121305	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
DRO >C10-C28*	240		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	50.6		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			84.8 %	45.3-161		2121310	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			96.0 %	46.3-178		2121310	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 57**H225857-44 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121305	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		101 %		69.9-140		2121305	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane		83.3 %		45.3-161		2121310	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		86.6 %		46.3-178		2121310	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 58
H225857-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121305	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	69.9-140		2121305	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
DRO >C10-C28*	82.7		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	16.7		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			79.7 %	45.3-161		2121310	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			87.4 %	46.3-178		2121310	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 59**H225857-46 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.099		0.050	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Toluene*	2.67		0.050	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Ethylbenzene*	1.18		0.050	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Total Xylenes*	11.7		0.150	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Total BTEX	15.6		0.300	mg/kg	50	2121305	JH	14-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			181 %	69.9-140		2121305	JH	14-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	374		50.0	mg/kg	5	2121310	MS	13-Dec-22	8015B	
DRO >C10-C28*	6760		50.0	mg/kg	5	2121310	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	1270		50.0	mg/kg	5	2121310	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			133 %	45.3-161		2121310	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			168 %	46.3-178		2121310	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 60**H225857-47 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121305	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2121305	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
DRO >C10-C28*	524		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	120		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			85.1 %	45.3-161		2121310	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			98.4 %	46.3-178		2121310	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 61
H225857-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121305	JH	13-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121305	JH	13-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		101 %		69.9-140		2121305	JH	13-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
DRO >C10-C28*	102		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	25.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane		85.5 %		45.3-161		2121310	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		92.5 %		46.3-178		2121310	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 62
H225857-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121305	JH	14-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9-140		2121305	JH	14-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	23.3		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
DRO >C10-C28*	1650		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	323		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			106 %	45.3-161		2121310	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			155 %	46.3-178		2121310	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

SW - 63
H225857-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2121317	AC	13-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2121305	JH	14-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2121305	JH	14-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		69.9-140	2121305	JH	14-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2121310	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			89.3 %		45.3-161	2121310	MS	13-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			92.7 %		46.3-178	2121310	MS	13-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2121314 - 1:4 DI Water**Blank (2121314-BLK1)**

Prepared & Analyzed: 13-Dec-22

Chloride	ND	16.0	mg/kg
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LCS (2121314-BS1)

Prepared & Analyzed: 13-Dec-22

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (2121314-BSD1)

Prepared & Analyzed: 13-Dec-22

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 2121316 - 1:4 DI Water**Blank (2121316-BLK1)**

Prepared & Analyzed: 13-Dec-22

Chloride	ND	16.0	mg/kg
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LCS (2121316-BS1)

Prepared & Analyzed: 13-Dec-22

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (2121316-BSD1)

Prepared & Analyzed: 13-Dec-22

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 2121317 - 1:4 DI Water**Blank (2121317-BLK1)**

Prepared & Analyzed: 13-Dec-22

Chloride	ND	16.0	mg/kg
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LCS (2121317-BS1)

Prepared & Analyzed: 13-Dec-22

Chloride	432	16.0	mg/kg	400	108	80-120
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2121317 - 1:4 DI Water**LCS Dup (2121317-BSD1)**

Prepared & Analyzed: 13-Dec-22

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2121303 - Volatiles**Blank (2121303-BLK1)**

Prepared & Analyzed: 13-Dec-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0511		mg/kg	0.0500		102	69.9-140			

LCS (2121303-BS1)

Prepared & Analyzed: 13-Dec-22

Benzene	2.07	0.050	mg/kg	2.00		103	83.4-122			
Toluene	2.16	0.050	mg/kg	2.00		108	84.2-126			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	84.2-121			
m,p-Xylene	4.42	0.100	mg/kg	4.00		110	89.9-126			
o-Xylene	2.10	0.050	mg/kg	2.00		105	84.3-123			
Total Xylenes	6.52	0.150	mg/kg	6.00		109	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.8	69.9-140			

LCS Dup (2121303-BS1)

Prepared & Analyzed: 13-Dec-22

Benzene	2.14	0.050	mg/kg	2.00		107	83.4-122	3.15	12.6	
Toluene	2.23	0.050	mg/kg	2.00		111	84.2-126	2.96	13.3	
Ethylbenzene	2.19	0.050	mg/kg	2.00		109	84.2-121	3.30	13.9	
m,p-Xylene	4.62	0.100	mg/kg	4.00		115	89.9-126	4.39	13.6	
o-Xylene	2.16	0.050	mg/kg	2.00		108	84.3-123	3.07	14.1	
Total Xylenes	6.78	0.150	mg/kg	6.00		113	89.1-124	3.97	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.5	69.9-140			

Batch 2121304 - Volatiles**Blank (2121304-BLK1)**

Prepared & Analyzed: 13-Dec-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2121304 - Volatiles**Blank (2121304-BLK1)**

Prepared & Analyzed: 13-Dec-22

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0541		mg/kg	0.0500		108	69.9-140			

LCS (2121304-BS1)

Prepared & Analyzed: 13-Dec-22

Benzene	2.15	0.050	mg/kg	2.00		107	83.4-122			
Toluene	2.15	0.050	mg/kg	2.00		108	84.2-126			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	84.2-121			
m,p-Xylene	4.45	0.100	mg/kg	4.00		111	89.9-126			
o-Xylene	2.08	0.050	mg/kg	2.00		104	84.3-123			
Total Xylenes	6.54	0.150	mg/kg	6.00		109	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0538		mg/kg	0.0500		108	69.9-140			

LCS Dup (2121304-BS1)

Prepared & Analyzed: 13-Dec-22

Benzene	2.14	0.050	mg/kg	2.00		107	83.4-122	0.221	12.6	
Toluene	2.14	0.050	mg/kg	2.00		107	84.2-126	0.385	13.3	
Ethylbenzene	2.13	0.050	mg/kg	2.00		106	84.2-121	0.469	13.9	
m,p-Xylene	4.49	0.100	mg/kg	4.00		112	89.9-126	0.758	13.6	
o-Xylene	2.12	0.050	mg/kg	2.00		106	84.3-123	1.78	14.1	
Total Xylenes	6.61	0.150	mg/kg	6.00		110	89.1-124	1.08	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0534		mg/kg	0.0500		107	69.9-140			

Batch 2121305 - Volatiles**Blank (2121305-BLK1)**

Prepared & Analyzed: 13-Dec-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	69.9-140			

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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2121305 - Volatiles**LCS (2121305-BS1)**

Prepared & Analyzed: 13-Dec-22

Benzene	2.13	0.050	mg/kg	2.00		107	83.4-122			
Toluene	2.23	0.050	mg/kg	2.00		111	84.2-126			
Ethylbenzene	2.18	0.050	mg/kg	2.00		109	84.2-121			
m,p-Xylene	4.59	0.100	mg/kg	4.00		115	89.9-126			
o-Xylene	2.16	0.050	mg/kg	2.00		108	84.3-123			
Total Xylenes	6.75	0.150	mg/kg	6.00		112	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		100	69.9-140			

LCS Dup (2121305-BS1)

Prepared & Analyzed: 13-Dec-22

Benzene	2.12	0.050	mg/kg	2.00		106	83.4-122	0.472	12.6	
Toluene	2.21	0.050	mg/kg	2.00		110	84.2-126	1.04	13.3	
Ethylbenzene	2.15	0.050	mg/kg	2.00		108	84.2-121	1.16	13.9	
m,p-Xylene	4.54	0.100	mg/kg	4.00		113	89.9-126	1.20	13.6	
o-Xylene	2.14	0.050	mg/kg	2.00		107	84.3-123	0.939	14.1	
Total Xylenes	6.67	0.150	mg/kg	6.00		111	89.1-124	1.12	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2121308 - General Prep - Organics**Blank (2121308-BLK1)**

Prepared & Analyzed: 13-Dec-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	45.3-161			
Surrogate: 1-Chlorooctadecane	58.7		mg/kg	50.0		117	46.3-178			

LCS (2121308-BS1)

Prepared & Analyzed: 13-Dec-22

GRO C6-C10	219	10.0	mg/kg	200		110	76.8-124			
DRO >C10-C28	211	10.0	mg/kg	200		106	74.9-127			
Total TPH C6-C28	431	10.0	mg/kg	400		108	77.5-124			
Surrogate: 1-Chlorooctane	62.0		mg/kg	50.0		124	45.3-161			
Surrogate: 1-Chlorooctadecane	69.1		mg/kg	50.0		138	46.3-178			

LCS Dup (2121308-BS1)

Prepared & Analyzed: 13-Dec-22

GRO C6-C10	232	10.0	mg/kg	200		116	76.8-124	5.62	17.2	
DRO >C10-C28	220	10.0	mg/kg	200		110	74.9-127	3.88	18.6	
Total TPH C6-C28	452	10.0	mg/kg	400		113	77.5-124	4.77	17.6	
Surrogate: 1-Chlorooctane	66.7		mg/kg	50.0		133	45.3-161			
Surrogate: 1-Chlorooctadecane	74.9		mg/kg	50.0		150	46.3-178			

Batch 2121309 - General Prep - Organics**Blank (2121309-BLK1)**

Prepared & Analyzed: 13-Dec-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	45.3-161			
Surrogate: 1-Chlorooctadecane	50.1		mg/kg	50.0		100	46.3-178			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2121309 - General Prep - Organics**LCS (2121309-BS1)**

Prepared & Analyzed: 13-Dec-22

GRO C6-C10	210	10.0	mg/kg	200		105	76.8-124			
DRO >C10-C28	201	10.0	mg/kg	200		100	74.9-127			
Total TPH C6-C28	411	10.0	mg/kg	400		103	77.5-124			
Surrogate: 1-Chlorooctane	55.7		mg/kg	50.0		111	45.3-161			
Surrogate: 1-Chlorooctadecane	52.7		mg/kg	50.0		105	46.3-178			

LCS Dup (2121309-BS1)

Prepared & Analyzed: 13-Dec-22

GRO C6-C10	212	10.0	mg/kg	200		106	76.8-124	1.19	17.2	
DRO >C10-C28	199	10.0	mg/kg	200		99.3	74.9-127	1.05	18.6	
Total TPH C6-C28	411	10.0	mg/kg	400		103	77.5-124	0.0998	17.6	
Surrogate: 1-Chlorooctane	55.8		mg/kg	50.0		112	45.3-161			
Surrogate: 1-Chlorooctadecane	52.5		mg/kg	50.0		105	46.3-178			

Batch 2121310 - General Prep - Organics**Blank (2121310-BLK1)**

Prepared & Analyzed: 13-Dec-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0		98.7	45.3-161			
Surrogate: 1-Chlorooctadecane	49.6		mg/kg	50.0		99.3	46.3-178			

LCS (2121310-BS1)

Prepared: 13-Dec-22 Analyzed: 14-Dec-22

GRO C6-C10	199	10.0	mg/kg	200		99.3	76.8-124			
DRO >C10-C28	217	10.0	mg/kg	200		108	74.9-127			
Total TPH C6-C28	416	10.0	mg/kg	400		104	77.5-124			
Surrogate: 1-Chlorooctane	47.5		mg/kg	50.0		95.0	45.3-161			
Surrogate: 1-Chlorooctadecane	46.8		mg/kg	50.0		93.6	46.3-178			

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
16-Dec-22 13:43

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 2121310 - General Prep - Organics**LCS Dup (2121310-BSD1)**

Prepared: 13-Dec-22 Analyzed: 14-Dec-22

GRO C6-C10	203	10.0	mg/kg	200		101	76.8-124	2.06	17.2	
DRO >C10-C28	220	10.0	mg/kg	200		110	74.9-127	1.24	18.6	
Total TPH C6-C28	422	10.0	mg/kg	400		106	77.5-124	1.63	17.6	
Surrogate: 1-Chlorooctane	48.3		mg/kg	50.0		96.6	45.3-161			
Surrogate: 1-Chlorooctadecane	47.5		mg/kg	50.0		95.0	46.3-178			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 11005857

Page 1 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 86210
Phone:	254-266-5456	Email:	Wesley.Mathews@devon.com

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

Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Name:	Ko Lanta 9 CTB 3	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24hr													None: NO	DI Water: H ₂ O	
Project Number:	226038																Cool: Cool	MeOH: Me	
Project Location:	Eddy Co. NM																HCL: HC	HNO ₃ : HN	
Sampler's Name:	Jordan Tyner																H ₂ SO ₄ : H ₂	NaOH: Na	
PO #:	21057636																H ₃ PO ₄ : HP		
SAMPLE RECEIPT																	NaHSO ₄ : NABIS		
Received Intact:	Yes	No	Thermometer ID:	#113													Na ₂ S ₂ O ₃ : NaSO ₃		
Cooler Custody Seals:	Yes	No	Correction Factor:	-0.10													Zn Acetate+NaOH: Zn		
Sample Custody Seals:	Yes	No	Temperature Reading:	-15.0													NaOH+Ascorbic Acid: SAPC		
Total Containers:	50			Corrected Temperature:	-15.10												Sample Comments		
Sample Identification				Date	Time	Soil	Water	Grab/Comp	# of Cont										
CS-1 (9)	45	11/21/2022		X		Comp	1	X	X	X									
CS-2 (9)	46	11/21/2022		X		Comp	1	X	X	X									
CS-3 (9)	47	11/21/2022		X		Comp	1	X	X	X									
CS-4 (9)	48	11/21/2022		X		Comp	1	X	X	X									
CS-5 (9)	49	11/21/2022		X		Comp	1	X	X	X									
CS-6 (9)	50	11/21/2022		X		Comp	1	X	X	X									
CS-7 (9)	51	11/21/2022		X		Comp	1	X	X	X									
CS-8 (9)	52	11/21/2022		X		Comp	1	X	X	X									
CS-9 (9)	53	11/21/2022		X		Comp	1	X	X	X									
CS-10 (9)	54	11/21/2022		X		Comp	1	X	X	X									

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <u>[Signature]</u>	<u>[Signature]</u>	12/13/22 0945	2		
3			4		
5			6		



Chain of Custody

Project Manager:	Becky Haskell	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devon.com

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

Project Name:				Ko Lanta 9 CTB 3				Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:				226038				<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																None: NO DI Water: H ₂ O							
Project Location				Eddy Co. NM				Due Date: 24hr																Cool: Cool MeOH: Me							
Sampler's Name:				Jordan Tyner				TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN NaOH: Na							
PO #:				21057636																H ₂ SO ₄ : H ₂											
SAMPLE RECEIPT				Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP							
Received In tact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		#113														NaHSO ₄ : NABIS									
Cooler Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:		-0.06														Na ₂ S ₂ O ₃ : NaSO ₃									
Sample Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		-15.0														Zn Acetate+NaOH: Zn									
Total Containers:				50		Corrected Temperature:		-15.0														NaOH+Ascorbic Acid: SACP									
Sample Identification				Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments			
CS-11 (9)				55		12/12/2022				X		X		X																	
CS-12 (8)				54		12/12/2022				X		X		X																	
CS-13 (8)				57		12/12/2022				X		X		X																	
CS-14 (8)				58		12/12/2022				X		X		X																	
CS-15 (8)				59		12/12/2022				X		X		X																	
CS-16 (13)				60		12/12/2022				X		X		X																	
CS-17 (13)				61		12/12/2022				X		X		X																	
CS-18 (11)				62		12/12/2022				X		X		X																	
CS-19 (8)				63		12/12/2022				X		X		X																	
CS-20 (8)				64		12/12/2022				X		X		X																	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	2 <i>[Signature]</i>	12/12/2022 04:15	3 <i>[Signature]</i>	4 <i>[Signature]</i>	
5			6		



Chain of Custody

Work Order No: 17225857Page 3 of 5

Page 65 of 67

Project Manager:	Becky Haskell	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devon.com

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

Project Name:	Ko Lanta 9 CTB 3	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes									
Project Number:	226038															None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC									
Project Location:	Eddy Co. NM	Due Date:	24hr																						
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm																							
PO #:	21057636																								
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																				
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#113																						
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-0.0°C																						
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	-15°C																						
Total Containers:	50	Corrected Temperature:	-15.0°C																						

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments									
CS-41 (8)	12/12/2022		X		Comp	1	X	X	X																	
CS-42 (8)	12/12/2022		X		Comp	1	X	X	X																	
CS-23 (11)	12/12/2022		X		Comp	1	X	X	X																	
CS-24 (11)	12/12/2022		X		Comp	1	X	X	X																	
CS-25 (8)	12/12/2022		X		Comp	1	X	X	X																	
CS-26 (9)	12/12/2022		X		Comp	1	X	X	X																	
CS-27 (9)	12/12/2022		X		Comp	1	X	X	X																	
CS-48 (9)	12/12/2022		X		Comp	1	X	X	X																	
SW-1	12/12/2022		X		Comp	1	X	X	X																	
SW-2	12/12/2022		X		Comp	1	X	X	X																	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <u>[Signature]</u>	<u>[Signature]</u>	12/13/22 0945	2		
3			4		
5			6		

Chain of Custody

Work Order No: 1725857

Page 4 of 5

Page 66 of 67

Project Manager:	Becky Haskell	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dyn.com

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

Project Name:		Ko Lanta 9 CTB 3	Turn Around											PRESERVATIVE CODES					
Project Number:		226038	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush											None: NO DI Water: H ₂ O					
Project Location:		Eddy Co. NM	Due Date:		24hr									Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na					
Sampler's Name:		Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm											H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC					
PO #:		21057636												HOLD					
SAMPLE RECEIPT		Taqp Blank:		Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>	Thermometer ID:	#113	Wet Ice:		Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>										
Received Intact:		Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>		Correction Factor:		-0.0°C	Temperature Reading:		-15°C										
Cooler Custody Seals:		Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>		N/A		-15°C	Corrected Temperature:		-15.0°C										
Sample Custody Seals:		Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>		N/A		-15.0°C													
Total Containers:		50																	
Parameters																			
BTEx 8021B																			
H 8015M (GRO + DRO + MRO)																			
Chloride 4500																			

[illegible]

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>[Signature]</i>	<i>[Signature]</i>	12/13/20 0945			
3						
5						

Revised Date 05/01/2020 Rev. 202

Work Order No: 47925857

Page 5 of 5

Page 67 of 67

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

[illegible]

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>[Signature]</i>	<i>[Signature]</i>	12/13/20 0945	2		
3				4		
5				6		

Revised Date 05/01/2020 Rev. 2020

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

January 23, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: KO LANTA 9 CTB 3

Enclosed are the results of analyses for samples received by the laboratory on 12/21/22 13:59.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 47 10'	H226030-01	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 48 10'	H226030-02	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 52 10'	H226030-03	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 53 10'	H226030-04	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 54 10'	H226030-05	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 55 12'	H226030-06	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 62 12'	H226030-07	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 65 9'	H226030-08	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 66 9'	H226030-09	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 70 12'	H226030-10	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 71 10'	H226030-11	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 73 9'	H226030-12	Soil	21-Dec-22 00:00	21-Dec-22 13:59
CS - 74 9'	H226030-13	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 64	H226030-14	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 65	H226030-15	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 66	H226030-16	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 67	H226030-17	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 68	H226030-18	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 69	H226030-19	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 70	H226030-20	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 71	H226030-21	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 72	H226030-22	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 73	H226030-23	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 74	H226030-24	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 75	H226030-25	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 76	H226030-26	Soil	21-Dec-22 00:00	21-Dec-22 13:59
SW - 77	H226030-27	Soil	21-Dec-22 00:00	21-Dec-22 13:59

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 78

H226030-28

Soil

21-Dec-22 00:00

21-Dec-22 13:59

01/23/23 - Client changed the sample ID on -11 (see COC). This is the revised report and will replace the one sent on 12/29/22.

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A handwritten signature in cursive script, reading "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 47 10'
H226030-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128	16.0	mg/kg	4	2122205	GM	22-Dec-22	4500-Cl-B
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B
Toluene*	<0.050	0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	2122124	JH	29-Dec-22	8021B
Total BTEX	<0.300	0.300	mg/kg	50	2122124	JH	29-Dec-22	8021B

Surrogate: 4-Bromofluorobenzene (PID)	104 %	69.9-140	2122124	JH	29-Dec-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B

Surrogate: 1-Chlorooctane	83.7 %	45.3-161	2122120	MS	22-Dec-22	8015B
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Surrogate: 1-Chlorooctadecane	85.5 %	46.3-178	2122120	MS	22-Dec-22	8015B
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 48 10'
H226030-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2122205	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122124	JH/	28-Dec-22	8021B	
Toluene*	0.119		0.050	mg/kg	50	2122124	JH/	28-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122124	JH/	28-Dec-22	8021B	
Total Xylenes*	0.198		0.150	mg/kg	50	2122124	JH/	28-Dec-22	8021B	
Total BTEX	0.317		0.300	mg/kg	50	2122124	JH/	28-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	69.9-140		2122124	JH/	28-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.7 %	45.3-161		2122120	MS	22-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.5 %	46.3-178		2122120	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 52 10'
H226030-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2122205	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122124	JH	29-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140 2122124 JH 29-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane 90.8 % 45.3-161 2122120 MS 22-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 87.5 % 46.3-178 2122120 MS 22-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 53 10'
H226030-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	2122205	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.057		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Toluene*	0.918		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Ethylbenzene*	1.47		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total Xylenes*	11.3		0.150	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total BTEX	13.7		0.300	mg/kg	50	2122124	JH	29-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 223 % 69.9-140 2122124 JH 29-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	296		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
DRO >C10-C28*	2540		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	447		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane 131 % 45.3-161 2122120 MS 22-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 123 % 46.3-178 2122120 MS 22-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 54 10'
H226030-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	2122205	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122124	JH	29-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140 2122124 JH 29-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane 99.9 % 45.3-161 2122120 MS 22-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 97.3 % 46.3-178 2122120 MS 22-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 55 12'
H226030-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	2122205	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Toluene*	0.056		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122124	JH	29-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		104 %		69.9-140		2122124	JH	29-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
DRO >C10-C28*	202		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	32.3		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane		94.8 %		45.3-161		2122120	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		104 %		46.3-178		2122120	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 62 12'
H226030-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2122205	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Toluene*	0.209		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122124	JH	29-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	69.9-140		2122124	JH	29-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.4 %	45.3-161		2122120	MS	22-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			78.3 %	46.3-178		2122120	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 65 9'
H226030-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2122205	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Toluene*	0.103		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122124	JH	29-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	69.9-140		2122124	JH	29-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			72.6 %	45.3-161		2122120	MS	22-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			70.5 %	46.3-178		2122120	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 66 9'
H226030-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	2122205	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Toluene*	0.072	0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2122124	JH	29-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	<i>102 %</i>	<i>69.9-140</i>			<i>2122124</i>	<i>JH</i>	<i>29-Dec-22</i>	<i>8021B</i>	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
DRO >C10-C28*	34.9	10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>	<i>83.0 %</i>	<i>45.3-161</i>			<i>2122120</i>	<i>MS</i>	<i>22-Dec-22</i>	<i>8015B</i>	
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<i>Surrogate: 1-Chlorooctadecane</i>	<i>86.2 %</i>	<i>46.3-178</i>			<i>2122120</i>	<i>MS</i>	<i>22-Dec-22</i>	<i>8015B</i>	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 70 12'
H226030-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	2122205	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122124	JH	29-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	69.9-140		2122124	JH	29-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
DRO >C10-C28*	44.2		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.0 %	45.3-161		2122120	MS	22-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.7 %	46.3-178		2122120	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 71 10'
H226030-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122124	JH	29-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122124	JH	29-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		103 %	69.9-140		2122124	JH	29-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane		79.5 %	45.3-161		2122120	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		77.9 %	46.3-178		2122120	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 73 9'
H226030-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122201	JH	22-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		110 %		69.9-140		2122201	JH	22-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122120	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane		84.6 %		45.3-161		2122120	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		81.9 %		46.3-178		2122120	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

CS - 74 9'
H226030-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122201	JH	22-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	69.9-140		2122201	JH	22-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			71.6 %	45.3-161		2122129	MS	22-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.3 %	46.3-178		2122129	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 64
H226030-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2122201	JH	22-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	108 %	69.9-140	2122201	JH	22-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane	73.6 %	45.3-161	2122129	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane	79.0 %	46.3-178	2122129	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 65
H226030-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122201	JH	22-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		107 %		69.9-140		2122201	JH	22-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane		69.7 %		45.3-161		2122129	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		75.6 %		46.3-178		2122129	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 66
H226030-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122201	JH	22-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	69.9-140		2122201	JH	22-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
DRO >C10-C28*	12.2		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			72.6 %	45.3-161		2122129	MS	22-Dec-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			78.8 %	46.3-178		2122129	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 67
H226030-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122201	JH	22-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		108 %		69.9-140		2122201	JH	22-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane		83.3 %		45.3-161		2122129	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		89.4 %		46.3-178		2122129	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 68
H226030-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122201	JH	22-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	69.9-140		2122201	JH	22-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
DRO >C10-C28*	31.7		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane			80.5 %	45.3-161		2122129	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			87.6 %	46.3-178		2122129	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 69
H226030-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122201	JH	22-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122201	JH	22-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		109 %		69.9-140		2122201	JH	22-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
DRO >C10-C28*	59.6		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	13.2		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane		88.6 %		45.3-161		2122129	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		98.3 %		46.3-178		2122129	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 70
H226030-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122203	JH/	23-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140 2122203 JH/ 23-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122129	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane 103 % 45.3-161 2122129 MS 22-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 113 % 46.3-178 2122129 MS 22-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 71
H226030-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122203	JH/	23-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		106 %		69.9-140		2122203	JH/	23-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane		82.7 %		45.3-161		2122130	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		90.4 %		46.3-178		2122130	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 72**H226030-22 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122203	JH/	23-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140 2122203 JH/ 23-Dec-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
DRO >C10-C28*	80.2		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	13.3		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane 78.6 % 45.3-161 2122130 MS 22-Dec-22 8015B

Surrogate: 1-Chlorooctadecane 89.7 % 46.3-178 2122130 MS 22-Dec-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 73
H226030-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122203	JH/	23-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	69.9-140		2122203	JH/	23-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane			91.0 %	45.3-161		2122130	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			98.3 %	46.3-178		2122130	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 74**H226030-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122203	JH/	28-Dec-22	8021B	
Toluene*	0.778		0.050	mg/kg	50	2122203	JH/	28-Dec-22	8021B	
Ethylbenzene*	0.109		0.050	mg/kg	50	2122203	JH/	28-Dec-22	8021B	
Total Xylenes*	0.700		0.150	mg/kg	50	2122203	JH/	28-Dec-22	8021B	
Total BTEX	1.59		0.300	mg/kg	50	2122203	JH/	28-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	69.9-140		2122203	JH/	28-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
DRO >C10-C28*	490		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	115		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane			92.4 %	45.3-161		2122130	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			149 %	46.3-178		2122130	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 75
H226030-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122203	JH/	23-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	69.9-140		2122203	JH/	23-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane			93.6 %	45.3-161		2122130	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			102 %	46.3-178		2122130	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 76
H226030-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122203	JH/	23-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		110 %		69.9-140		2122203	JH/	23-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane		75.9 %		45.3-161		2122130	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		81.7 %		46.3-178		2122130	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 77**H226030-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122203	JH/	23-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	69.9-140		2122203	JH/	23-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane			120 %	45.3-161		2122130	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			132 %	46.3-178		2122130	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

SW - 78
H226030-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2122211	GM	22-Dec-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2122203	JH/	23-Dec-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2122203	JH/	23-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	69.9-140		2122203	JH/	23-Dec-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2122130	MS	22-Dec-22	8015B	

Surrogate: 1-Chlorooctane			82.4 %	45.3-161		2122130	MS	22-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane			90.1 %	46.3-178		2122130	MS	22-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2122205 - 1:4 DI Water**Blank (2122205-BLK1)**

Prepared & Analyzed: 22-Dec-22

Chloride	ND	16.0	mg/kg							
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LCS (2122205-BS1)

Prepared & Analyzed: 22-Dec-22

Chloride	432	16.0	mg/kg	400		108	80-120			
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LCS Dup (2122205-BSD1)

Prepared & Analyzed: 22-Dec-22

Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
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Batch 2122211 - 1:4 DI Water**Blank (2122211-BLK1)**

Prepared & Analyzed: 22-Dec-22

Chloride	ND	16.0	mg/kg							
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LCS (2122211-BS1)

Prepared & Analyzed: 22-Dec-22

Chloride	432	16.0	mg/kg	400		108	80-120			
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LCS Dup (2122211-BSD1)

Prepared & Analyzed: 22-Dec-22

Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2122124 - Volatiles**Blank (2122124-BLK1)**

Prepared: 21-Dec-22 Analyzed: 23-Dec-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0525		mg/kg	0.0500		105	69.9-140			

LCS (2122124-BS1)

Prepared: 21-Dec-22 Analyzed: 22-Dec-22

Benzene	2.05	0.050	mg/kg	2.00		103	83.4-122			
Toluene	2.20	0.050	mg/kg	2.00		110	84.2-126			
Ethylbenzene	2.19	0.050	mg/kg	2.00		110	84.2-121			
m,p-Xylene	4.58	0.100	mg/kg	4.00		114	89.9-126			
o-Xylene	2.20	0.050	mg/kg	2.00		110	84.3-123			
Total Xylenes	6.78	0.150	mg/kg	6.00		113	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0516		mg/kg	0.0500		103	69.9-140			

LCS Dup (2122124-BS1)

Prepared: 21-Dec-22 Analyzed: 22-Dec-22

Benzene	2.03	0.050	mg/kg	2.00		101	83.4-122	1.11	12.6	
Toluene	2.17	0.050	mg/kg	2.00		109	84.2-126	0.999	13.3	
Ethylbenzene	2.17	0.050	mg/kg	2.00		109	84.2-121	0.793	13.9	
m,p-Xylene	4.54	0.100	mg/kg	4.00		113	89.9-126	0.973	13.6	
o-Xylene	2.16	0.050	mg/kg	2.00		108	84.3-123	2.05	14.1	
Total Xylenes	6.69	0.150	mg/kg	6.00		112	89.1-124	1.32	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0514		mg/kg	0.0500		103	69.9-140			

Batch 2122201 - Volatiles**Blank (2122201-BLK1)**

Prepared & Analyzed: 22-Dec-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2122201 - Volatiles**Blank (2122201-BLK1)**

Prepared & Analyzed: 22-Dec-22

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0533		mg/kg	0.0500		107	69.9-140			

LCS (2122201-BS1)

Prepared & Analyzed: 22-Dec-22

Benzene	1.96	0.050	mg/kg	2.00		97.8	83.4-122			
Toluene	2.09	0.050	mg/kg	2.00		104	84.2-126			
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	84.2-121			
m,p-Xylene	4.36	0.100	mg/kg	4.00		109	89.9-126			
o-Xylene	2.07	0.050	mg/kg	2.00		103	84.3-123			
Total Xylenes	6.42	0.150	mg/kg	6.00		107	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0505		mg/kg	0.0500		101	69.9-140			

LCS Dup (2122201-BS1)

Prepared & Analyzed: 22-Dec-22

Benzene	2.05	0.050	mg/kg	2.00		102	83.4-122	4.62	12.6	
Toluene	2.20	0.050	mg/kg	2.00		110	84.2-126	5.40	13.3	
Ethylbenzene	2.19	0.050	mg/kg	2.00		110	84.2-121	5.44	13.9	
m,p-Xylene	4.57	0.100	mg/kg	4.00		114	89.9-126	4.75	13.6	
o-Xylene	2.16	0.050	mg/kg	2.00		108	84.3-123	4.61	14.1	
Total Xylenes	6.73	0.150	mg/kg	6.00		112	89.1-124	4.70	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0514		mg/kg	0.0500		103	69.9-140			

Batch 2122203 - Volatiles**Blank (2122203-BLK1)**

Prepared: 22-Dec-22 Analyzed: 23-Dec-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0533		mg/kg	0.0500		107	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2122203 - Volatiles**LCS (2122203-BS1)**

Prepared: 22-Dec-22 Analyzed: 23-Dec-22

Benzene	2.08	0.050	mg/kg	2.00		104	83.4-122			
Toluene	2.14	0.050	mg/kg	2.00		107	84.2-126			
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	84.2-121			
m,p-Xylene	4.38	0.100	mg/kg	4.00		110	89.9-126			
o-Xylene	2.10	0.050	mg/kg	2.00		105	84.3-123			
Total Xylenes	6.48	0.150	mg/kg	6.00		108	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0505		mg/kg	0.0500		101	69.9-140			

LCS Dup (2122203-BS1)

Prepared: 22-Dec-22 Analyzed: 23-Dec-22

Benzene	2.05	0.050	mg/kg	2.00		103	83.4-122	1.48	12.6	
Toluene	2.10	0.050	mg/kg	2.00		105	84.2-126	1.90	13.3	
Ethylbenzene	2.11	0.050	mg/kg	2.00		106	84.2-121	1.13	13.9	
m,p-Xylene	4.32	0.100	mg/kg	4.00		108	89.9-126	1.44	13.6	
o-Xylene	2.05	0.050	mg/kg	2.00		102	84.3-123	2.42	14.1	
Total Xylenes	6.37	0.150	mg/kg	6.00		106	89.1-124	1.75	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/kg	0.0500		102	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2122120 - General Prep - Organics**Blank (2122120-BLK1)**

Prepared: 21-Dec-22 Analyzed: 22-Dec-22

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	43.3		mg/kg	50.0		86.7	45.3-161		
Surrogate: 1-Chlorooctadecane	42.5		mg/kg	50.0		85.0	46.3-178		

LCS (2122120-BS1)

Prepared: 21-Dec-22 Analyzed: 22-Dec-22

GRO C6-C10	213	10.0	mg/kg	200		106	76.8-124		
DRO >C10-C28	196	10.0	mg/kg	200		98.2	74.9-127		
Total TPH C6-C28	409	10.0	mg/kg	400		102	77.5-124		
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.6	45.3-161		
Surrogate: 1-Chlorooctadecane	44.5		mg/kg	50.0		89.0	46.3-178		

LCS Dup (2122120-BS1)

Prepared: 21-Dec-22 Analyzed: 22-Dec-22

GRO C6-C10	209	10.0	mg/kg	200		105	76.8-124	1.44	17.2
DRO >C10-C28	190	10.0	mg/kg	200		94.8	74.9-127	3.55	18.6
Total TPH C6-C28	399	10.0	mg/kg	400		99.8	77.5-124	2.45	17.6
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.6	45.3-161		
Surrogate: 1-Chlorooctadecane	43.5		mg/kg	50.0		87.0	46.3-178		

Batch 2122129 - General Prep - Organics**Blank (2122129-BLK1)**

Prepared: 21-Dec-22 Analyzed: 22-Dec-22

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	42.3		mg/kg	50.0		84.6	45.3-161		
Surrogate: 1-Chlorooctadecane	46.6		mg/kg	50.0		93.1	46.3-178		

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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2122129 - General Prep - Organics**LCS (2122129-BS1)**

Prepared: 21-Dec-22 Analyzed: 22-Dec-22

GRO C6-C10	201	10.0	mg/kg	200		100	76.8-124		
DRO >C10-C28	198	10.0	mg/kg	200		99.0	74.9-127		
Total TPH C6-C28	399	10.0	mg/kg	400		99.6	77.5-124		
Surrogate: 1-Chlorooctane	48.0		mg/kg	50.0		96.0	45.3-161		
Surrogate: 1-Chlorooctadecane	50.3		mg/kg	50.0		101	46.3-178		

LCS Dup (2122129-BS1)

Prepared: 21-Dec-22 Analyzed: 22-Dec-22

GRO C6-C10	197	10.0	mg/kg	200		98.5	76.8-124	1.82	17.2
DRO >C10-C28	191	10.0	mg/kg	200		95.6	74.9-127	3.45	18.6
Total TPH C6-C28	388	10.0	mg/kg	400		97.0	77.5-124	2.63	17.6
Surrogate: 1-Chlorooctane	48.7		mg/kg	50.0		97.5	45.3-161		
Surrogate: 1-Chlorooctadecane	56.3		mg/kg	50.0		113	46.3-178		

Batch 2122130 - General Prep - Organics**Blank (2122130-BLK1)**

Prepared: 21-Dec-22 Analyzed: 22-Dec-22

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	41.5		mg/kg	50.0		83.0	45.3-161		
Surrogate: 1-Chlorooctadecane	46.3		mg/kg	50.0		92.6	46.3-178		

LCS (2122130-BS1)

Prepared: 21-Dec-22 Analyzed: 22-Dec-22

GRO C6-C10	210	10.0	mg/kg	200		105	76.8-124		
DRO >C10-C28	193	10.0	mg/kg	200		96.5	74.9-127		
Total TPH C6-C28	403	10.0	mg/kg	400		101	77.5-124		
Surrogate: 1-Chlorooctane	46.6		mg/kg	50.0		93.2	45.3-161		
Surrogate: 1-Chlorooctadecane	47.5		mg/kg	50.0		95.0	46.3-178		

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Analytical Results For:

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

Project: KO LANTA 9 CTB 3
Project Number: 226038
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
23-Jan-23 14:54

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2122130 - General Prep - Organics**LCS Dup (2122130-BSD1)**

Prepared: 21-Dec-22 Analyzed: 22-Dec-22

GRO C6-C10	207	10.0	mg/kg	200		104	76.8-124	1.39	17.2	
DRO >C10-C28	183	10.0	mg/kg	200		91.4	74.9-127	5.39	18.6	
Total TPH C6-C28	390	10.0	mg/kg	400		97.5	77.5-124	3.28	17.6	
Surrogate: 1-Chlorooctane	46.4		mg/kg	50.0		92.8	45.3-161			
Surrogate: 1-Chlorooctadecane	51.9		mg/kg	50.0		104	46.3-178			

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: HA210030

Page 1 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devn.com

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

Project Name:	Ke Laner a CTR 3	Tum Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	226038	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush														None: NO	DI Water: H ₂ O
Project Location:	Booby Co, NM	Due Date:														Cool: Cool	MeOH: Me
Sampler's Name:	Jordan Turner	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN
PO #:	21057636															H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											HOLD	
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#113														
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-0.10°C														
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	20.10°C														
Total Containers:	1428	Corrected Temperature:	20.0°C														

Sample Identification					Date	Time	Soil	Water	Grab/ Comp	# of Cont	TF	Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Additional Comments:

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<u>[Signature]</u>	<u>[Signature]</u>	12/11/22 1354			



Chain of Custody

Work Order No: H2310030

Page 2 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devn.com

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

Project Name:	ko lanta 9 CTB3	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes									
Project Number:	226038	Due Date:													None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC									
Project Location:	Edgy Co, NM	TAT starts the day received by the lab, if received by 4:30pm																						
Sampler's Name:	Jordan Tyner																							
PO #:	21057636																							

Sample Identification										Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPI	Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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Additional Comments: * Customer requested Sample ID change 12/23/23

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<u>[Signature]</u>	<u>[Signature]</u>	12/21/23 1354			



Chain of Custody

Work Order No: 112210030

Page 3 of 3

Page 42 of 42

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	150 Lantex 9 CFB 3	Turn Around		
Project Number:	26038	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	
Project Location	Billy Lee Inn	Due Date:		
Sampler's Name:	Jordan Tyler	TAT starts the day received by the lab, if received by 4:30pm		
PO #:	21057636			
SAMPLE RECEIPT	Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#113	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.10°	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	20.6°	
Total Containers:	26428	Corrected Temperature:	20.0°	
Parameters				
BTEx 8021B				
PH 8015M (GRO + DRO + MRO)				
Chloride 4500				
HOLD				
None: NO	DI Water: H ₂ O			
Cool: Cool	MeOH: Me			
HCL: HC	HNO ₃ : HN			
H ₂ SO ₄ : H ₂	NaOH: Na			
H ₃ PO ₄ : HP				
NaHSO ₄ : NABIS				
Na ₂ S ₂ O ₃ : NASO ₃				
Zn Acetate+NaOH: Zn				
NaOH+Ascorbic Acid: SAPC				

[illegible]

Additional Comments: * called customer to confirm sample date + analysis for samples 27 + 28.

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of Xerox. A minimum charge of \$95.00 will be applied to each project and a charge of \$10.00 per hour for each hour of work.					Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	12/11/2015	2		
3 <i>[Signature]</i>			4		
5			6		

Revised Date 05/12/2020 Rev. 20



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

January 06, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: KO LANTA 9 CTB 3

Enclosed are the results of analyses for samples received by the laboratory on 01/05/23 15:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 01/05/2023
 Reported: 01/06/2023
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 01/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 53 12' (H230065-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2023	ND	2.06	103	2.00	0.772	
Toluene*	<0.050	0.050	01/05/2023	ND	2.24	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	01/05/2023	ND	2.23	112	2.00	0.394	
Total Xylenes*	<0.150	0.150	01/05/2023	ND	6.91	115	6.00	0.308	
Total BTEX	<0.300	0.300	01/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/06/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2023	ND	229	114	200	3.48	
DRO >C10-C28*	<10.0	10.0	01/05/2023	ND	219	109	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	01/05/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 01/05/2023
 Reported: 01/06/2023
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 01/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 55 14' (H230065-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/05/2023	ND	2.06	103	2.00	0.772		
Toluene*	<0.050	0.050	01/05/2023	ND	2.24	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	01/05/2023	ND	2.23	112	2.00	0.394		
Total Xylenes*	<0.150	0.150	01/05/2023	ND	6.91	115	6.00	0.308		
Total BTEx	<0.300	0.300	01/05/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	229	114	200	3.48	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	219	109	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 01/05/2023
 Reported: 01/06/2023
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 01/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 80 (H230065-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2023	ND	2.06	103	2.00	0.772	
Toluene*	<0.050	0.050	01/05/2023	ND	2.24	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	01/05/2023	ND	2.23	112	2.00	0.394	
Total Xylenes*	<0.150	0.150	01/05/2023	ND	6.91	115	6.00	0.308	
Total BTEX	<0.300	0.300	01/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	229	114	200	3.48	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	219	109	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 01/05/2023
 Reported: 01/06/2023
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 01/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 81 (H230065-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/05/2023	ND	2.06	103	2.00	0.772		
Toluene*	<0.050	0.050	01/05/2023	ND	2.24	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	01/05/2023	ND	2.23	112	2.00	0.394		
Total Xylenes*	<0.150	0.150	01/05/2023	ND	6.91	115	6.00	0.308		
Total BTEx	<0.300	0.300	01/05/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/06/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	229	114	200	3.48	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	219	109	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 01/05/2023
 Reported: 01/06/2023
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 01/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 82 (H230065-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2023	ND	2.06	103	2.00	0.772	
Toluene*	<0.050	0.050	01/05/2023	ND	2.24	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	01/05/2023	ND	2.23	112	2.00	0.394	
Total Xylenes*	<0.150	0.150	01/05/2023	ND	6.91	115	6.00	0.308	
Total BTEX	<0.300	0.300	01/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	229	114	200	3.48	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	219	109	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 01/05/2023
 Reported: 01/06/2023
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 01/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 83 (H230065-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/06/2023	ND	2.06	103	2.00	0.772	
Toluene*	<0.050	0.050	01/06/2023	ND	2.24	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	01/06/2023	ND	2.23	112	2.00	0.394	
Total Xylenes*	<0.150	0.150	01/06/2023	ND	6.91	115	6.00	0.308	
Total BTEx	<0.300	0.300	01/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	229	114	200	3.48	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	219	109	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 01/05/2023
 Reported: 01/06/2023
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 01/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 84 (H230065-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/06/2023	ND	2.06	103	2.00	0.772	
Toluene*	<0.050	0.050	01/06/2023	ND	2.24	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	01/06/2023	ND	2.23	112	2.00	0.394	
Total Xylenes*	<0.150	0.150	01/06/2023	ND	6.91	115	6.00	0.308	
Total BTEX	<0.300	0.300	01/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	229	114	200	3.48	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	219	109	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 01/05/2023
 Reported: 01/06/2023
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 01/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 85 (H230065-08)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/06/2023	ND	2.06	103	2.00	0.772	
Toluene*	<0.050	0.050	01/06/2023	ND	2.24	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	01/06/2023	ND	2.23	112	2.00	0.394	
Total Xylenes*	<0.150	0.150	01/06/2023	ND	6.91	115	6.00	0.308	
Total BTX	<0.300	0.300	01/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	229	114	200	3.48	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	219	109	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 01/05/2023
 Reported: 01/06/2023
 Project Name: KO LANTA 9 CTB 3
 Project Number: 226038
 Project Location: DEVON - EDDY CO. NM

Sampling Date: 01/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 86 (H230065-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/06/2023	ND	2.06	103	2.00	0.772	
Toluene*	<0.050	0.050	01/06/2023	ND	2.24	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	01/06/2023	ND	2.23	112	2.00	0.394	
Total Xylenes*	<0.150	0.150	01/06/2023	ND	6.91	115	6.00	0.308	
Total BTEx	<0.300	0.300	01/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	229	114	200	3.48	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	219	109	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 4930065

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Matthews@devon.com

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

Project Name:	Ko Lanta 9 CTB 3		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	226038		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Eddy Co. NM		Due Date:	24Hr														
Sampler's Name:	Jordan Tyner		TAT starts the day received by the lab, if received by 4:30pm															
PO #:	21057636																	
SAMPLE RECEIPT			Temp Blank:	Yes No	Well Ice:	Yes No												
Received Intact:	Yes No		Thermometer ID:															
Cooler Custody Seals:	Yes No N/A		Correction Factor:															
Sample Custody Seals:	Yes No N/A		Temperature Reading:															
Total Containers:	9		Corrected Temperature:															
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-53 12'	1/5/2023		X		Comp	1	X	X	X									
CS-55 14'	1/5/2023		X		Comp	1	X	X	X									
SW-80	1/5/2023		X		Comp	1	X	X	X									
SW-81	1/5/2023		X		Comp	1	X	X	X									
SW-82	1/5/2023		X		Comp	1	X	X	X									
SW-83	1/5/2023		X		Comp	1	X	X	X									
SW-84	1/5/2023		X		Comp	1	X	X	X									
SW-85	1/5/2023		X		Comp	1	X	X	X									
SW-86	1/5/2023		X		Comp	1	X	X	X									

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-5-23 1530 ²			

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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 194896

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 194896
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2221348013 KO LANTA 9 CTB 3, thank you. This closure is approved.	7/17/2023