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	NAPP2307233858
District RP	
Facility ID	
Application ID	

#### **Release Notification**

#### **Responsible Party**

Responsible	Party ETC	Texas Pipeline	, Ltd.	OGRID 371183						
Contact Name Dean D. Ericson						Contact Telephone 432-238-2142				
Contact ema	<sup>il</sup> dean.eri	cson@energytr	ansfer.com		Incident #	(assigned by OCD)				
Contact mail	ling address	600 N. Marier	nfeld St., Suite	e 700,	Midland,	TX 79701				
			Location							
Latitude 32.	.3824				Longitude -	103.203046				
			(NAD 83 in de	ecimal des	grees to 5 decim	al places)				
Site Name	M-4 Rele	ase			Site Type	 Pipeline				
Date Release	Discovered	03/09/2023			API# (if app	icable)				
Unit Letter	Section	Township	Range		Coun	<u>xy</u>				
	19	22S	R37E	Lea						
Surface Owne	er: 🔽 State	Federal T	ribal Private (	Name:			)			
			Nature and	d Vol	lume of F	<b>Release</b>				
				n calculat	ions or specific	ustification for the volumes provid	led below)			
Crude Oi		Volume Release			Volume Recovered (bbls)					
Produced	Water	Volume Release	ed (bbls)			Volume Recovered (bbls)				
		Is the concentra produced water	tion of dissolved o >10,000 mg/l?	chloride	in the	n the Yes No				
Condensa	ate	Volume Release	ed (bbls)			Volume Recovered (bbls)				
✓ Natural Gas Volume Released (Mcf) 3.5						Volume Recovered (Mcf)				
✓ Other (describe) Volume/Weight Released (provide units)					)	Volume/Weight Recovered	d (provide units)			
Pipeline Liquids 60.60bbls				0bbls						
Cause of Release Unknown at this time										

Received by OCD: 7/14/2023 11:42:144 AM State of New Mexico
Page 2 Oil Conservation Division

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Incident ID	NAPP2307233858
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the response	nsible party consider this a major release?					
19.15.29.7(A) NMAC?	> 25bbls released						
✓ Yes ☐ No	> 200015 Teleaseu						
	otice given to the OCD? By whom? To wan D. Ericson to Jennifer Nobui o	hom? When and by what means (phone, email, etc)?					
Notice given by Dea	and. Endson to definite Nobal C	of 10/23 by phone					
	Initial R	esponse					
The responsible p	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury					
✓ The source of the rele	ease has been stopped.						
☑ The impacted area ha	s been secured to protect human health and	the environment.					
✓ Released materials has	we been contained via the use of berms or	dikes, absorbent pads, or other containment devices.					
☐ All free liquids and re	ecoverable materials have been removed as	nd managed appropriately.					
If all the actions described	d above have <u>not</u> been undertaken, explain	why:					
Per NMSLO, Arc S completed at this t Clean-up efforts	urvey must be completed prior to ime. Qualified Arc Monitor is no	o any ground disturbance. Arc Survey has not been t avaiable to be on-site until 03/15/23 to begin initial					
has begun, please attach	a narrative of actions to date. If remedial	remediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred please attach all information needed for closure evaluation.					
regulations all operators are public health or the environmental to adequately investigated	required to report and/or file certain release not ment. The acceptance of a C-141 report by the ate and remediate contamination that pose a thr	best of my knowledge and understand that pursuant to OCD rules and ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws					
	Printed Name: Dean D. Ericson Title: Sr. Environmental Specialist						
Signature: Dean D	. Ericson	Date: 03/10/2023					
email: dean.ericson(	@energytransfer.com	Telephone: 432-238-2142					
OCD Only							
	elyn Harimon	Date:03/13/2023					

Page 3 of 133

Incident ID	NAPP2307233858
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 it	tems must be incl	uded in the closure report.							
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC								
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	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 m	ust be notified 2 days prior to final sampling)							
Description of remediation activities									
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and renduman health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the confaccordance with 19.15.29.13 NMAC including notification to the O	a C-141 report by nediate contamina a C-141 report do tions. The respon nditions that exist CD when reclama	the OCD does not relieve the operator of liability tion that pose a threat to groundwater, surface water, as not relieve the operator of responsibility for sible party acknowledges they must substantially ed prior to the release or their final land use in attion and re-vegetation are complete.							
Printed Name: Dean Ericson	_ <sub>Title:</sub> Sr. En	vrionmental Specialist							
Printed Name: Dean Ericson  Signature: Dean D. Ericson	Date:	4/2023							
email: dean.ericson@energytransfer.com	Telephone: 432								
OCD Only									
Received by:	Date:								
Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface very party of compliance with any other federal, state, or local laws and/o	water, human heal								
Closure Approved by: Nelson Velez	Date: _	10/05/2023							
Closure Approved by: Nelson Velez  Printed Name: Nelson Velez	_ Title:	Environmental Specialist - Adv							

2135 S. Loop 250, Midland, Texas 79703 United States www.ghd.com



Our ref: 12608422

July 06, 2023

State of New Mexico Energy, Minerals and Resource Oil Conservation Division District I 1625 N. French Dr. Hobbs. NM 88240

Re: Site Closure Report

ETC Texas Pipeline, Ltd.

M-4 Release Site

Incident ID: nAPP2307233858

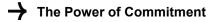
B and C-19-22S-37E, Lea County, New Mexico

#### 1. Introduction

GHD Services, Inc. (GHD), on behalf of ETC Texas Pipeline, Ltd. (ETCTP) submits this Site Closure Report to the State of New Mexico Energy, Minerals and Resource Oil Conservation Division (OCD) District I Office. This report provides documentation of remediation activities and analyses in the natural gas and pipeline fluids impacted area at the M-4 Release Site (Site). The Site is located in Unit Letter B and C Section 19 of Township 22 South and Range 37 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.3824° N Latitude and 103.203046° W Longitude. The surface owner of the land where the release occurred is New Mexico State Trust Land. Figure 1 depicts the Site location. The Site and other details are depicted on Figure 2.

#### 2. Background and Regulatory Notification Information

The release is subject to the jurisdiction of the OCD District I Office in Hobbs, New Mexico. Notice was given to the OCD via Notification of Release (NOR) Submission, Action 196103. A C-141 Release Notification for this release was submitted to the OCD on March 10, 2023. The C-141 stated 3.5 Mcf of natural gas and 60.60 barrels (bbls) of other pipeline fluids were released from the pipeline. The OCD assigned the release with Incident Number nAPP2307233858. The cause of the release is unknown. Approximately 0 bbls of pipeline liquids were recovered. The Release Notification and Closure portions of Form C-141 are attached to the front of this report.



#### 3. Site Characterization and Closure Criteria

GHD 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) (NMAC Table I Closure Criteria).

The Site Characterization and Remediation Work Plan dated March 29, 2023, was approved by the NMOCD on May 11, 2023. Details of the Site Characterization documentation and initial remedial activities can be found in the aforementioned report. The current Closure Criteria are listed below:

General Site Characterization and Groundwater Information:

Site Characterization	Average Groundwater Depth (ft)				
No Receptors Found	Unknown, treated as less than fifty (50) feet				

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

Regulatory Standard	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH (GRO+DRO+MRO) (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
19.15.29.13 Restoration, Reclamation and Re- Vegetation (Impacted Area 0-4 feet)	600		100	50	10
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	600		100	50	10

### 4. Excavation, Confirmation Sampling, and Waste Management

ETCTP personnel mobilized to the Site in March and May 2023 to perform excavation activities on the affected area of the Site. Depths ranged from four (4) to ten (10) feet below ground surface (bgs). On May 12, 2023, GHD mobilized to the Site to collect five-point composite confirmation samples. Thirty-three (33) bottom hole (BH-1 through BH-33) and thirty-two (32) sidewall (SW-1 through SW-32) composite confirmation samples were collected. Composite confirmation samples represented areas no greater than 400 square feet, which was approved by NMOCD in correspondence dated May 1, 2023. The 400 square feet confirmation sample approval correspondence is included as Attachment A. Samples were placed in laboratory-provided containers, which were immediately labelled, sealed, and stored/transported in a cooler containing ice to a laboratory certified by the National Environmental Laboratory Program (NELAP) for analysis. All samples were submitted to Cardinal Laboratories in Hobbs, New Mexico, and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA SW846 Method 8021B, total petroleum hydrocarbons (TPH) by EPA SW46 Method 8015B Modified, and chloride by EPA Method 9056-CI-B.

Analytical results indicated seven (7) of the bottom hole samples exhibited TPH concentrations above Table I Closure Criteria (BH-1, BH-7, BH-11, BH-13, BH-15, BH-21, and BH-23). Ten (10) of the sidewall samples exhibited TPH or chloride concentrations above Table I Closure Criteria (SW-1, SW-2, SW-4, SW-7, SW-8, SW-15, SW-21, SW-22, SW-28, and SW-29).

Due to analytical concentrations above Table I Closure Criteria, ETCTP returned to the Site to recollect samples. The areas around BH-1, BH-7, BH-11, BH-13, BH-15, BH-21, and BH-23 were resampled (BH-1A, BH-7A, BH-11A, BH-13A, BH-15A, BH-21A, and BH-23A). The sidewalls where SW-1, SW-2, SW-4, SW-7, SW-8, SW-15, SW-21, SW-22, SW-28, and SW-29 were collected were resampled (SW-1A, SW-2A, SW-4A, SW-7A, SW-8A, SW-15A, SW-21A, SW-22A, SW-28A, and SW-29A). Composite confirmation samples represented areas no greater than 400 square feet. Samples were placed in laboratory-provided containers, which were immediately labelled, sealed, and stored/transported in a cooler containing ice to a laboratory certified by the National Environmental Laboratory Program (NELAP) for analysis. All samples were submitted to Cardinal Laboratories in Hobbs, New Mexico, and analyzed for BTEX by EPA SW846 Method 8021B, TPH by EPA SW46 Method 8015B Modified, and chloride by EPA Method 9056-CI-B.

Analytical results indicated none of the samples exhibited benzene, BTEX, TPH, or chloride concentrations above Table I Closure Criteria. Analytical results are included in Table 1 and in the laboratory analytical reports included as Attachment B. Sample locations are shown on Figure 2.

Waste management activities were performed in coordination with ETCTP directives. ETCTP obtained regulatory approval via the successful processing of Form C-138 Request for Approval to Accept Solid Waste. The waste was approved for acceptance at the OCD-permitted (fJEG1635837006), Sundance Services West, Inc. facility located at 196 Wallach Ln, Eunice, NM, 88231. Approximately 2,520 yards of impacted soils were removed from the remedial excavation and disposed of. The approved C-138 and waste manifests are available upon request but are not attached due to the size of the file. A summary of soil disposal is included in Table 2. A photographic log is included as Attachment C. Sampling notifications are included in Attachment A.

#### 5. nAPP2307233858 Closure Request

The excavation was backfilled with non-impacted virgin soil transported to the Site from a locally sourced pit. Approximately sixteen (16) pounds of native grass seed was applied to the excavation area on June 19, 2023. Site Characterization and remediation activities for Incident nAPP2307233858 have been performed in accordance with applicable NMOCD guidance and regulations. Based upon supporting documentation provided in this report, GHD, on behalf of ETCTP, respectfully requests closure of nAPP2307233858.

If you have any questions or comments concerning this Site Closure Report, please do not hesitate to contact our Midland office at (432) 686-0086.

Sincerely,

**GHD** 

Nate Reece

**Environmental Scientist** 

Make for

J.T. Murrey

Senior Project Director

Encl. Figure 1 – Site Location Map

Figure 2 – Confirmation Sample Locations Map

Table 1 – Summary of Soil Analytical Data

Table 2 - Daily Soil Disposal Summary

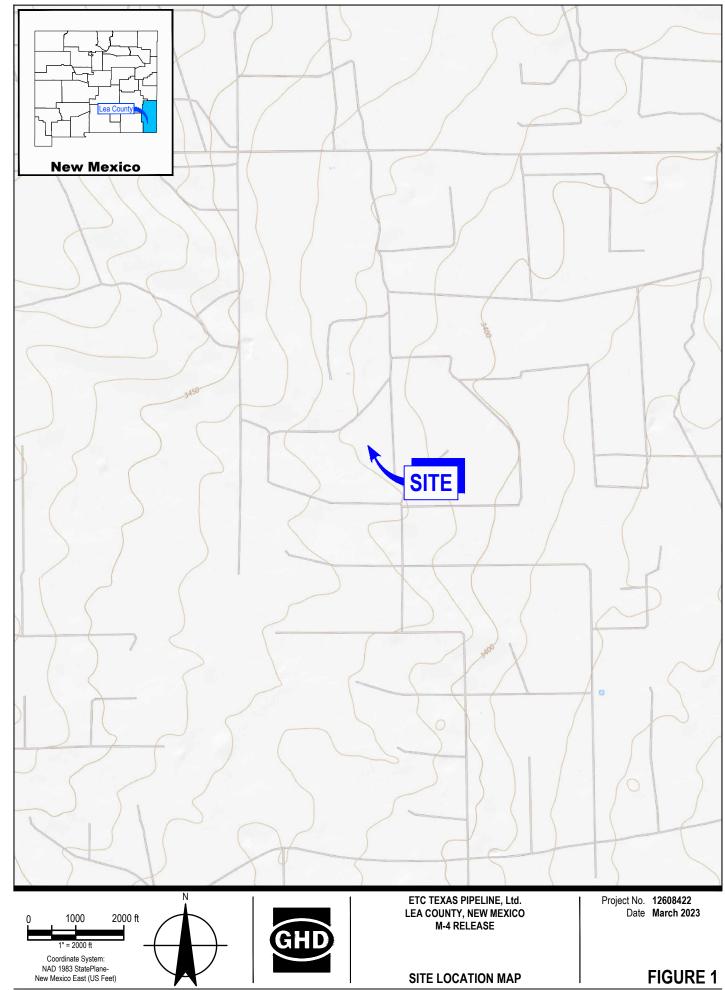
Attachment A – NMOCD Correspondence

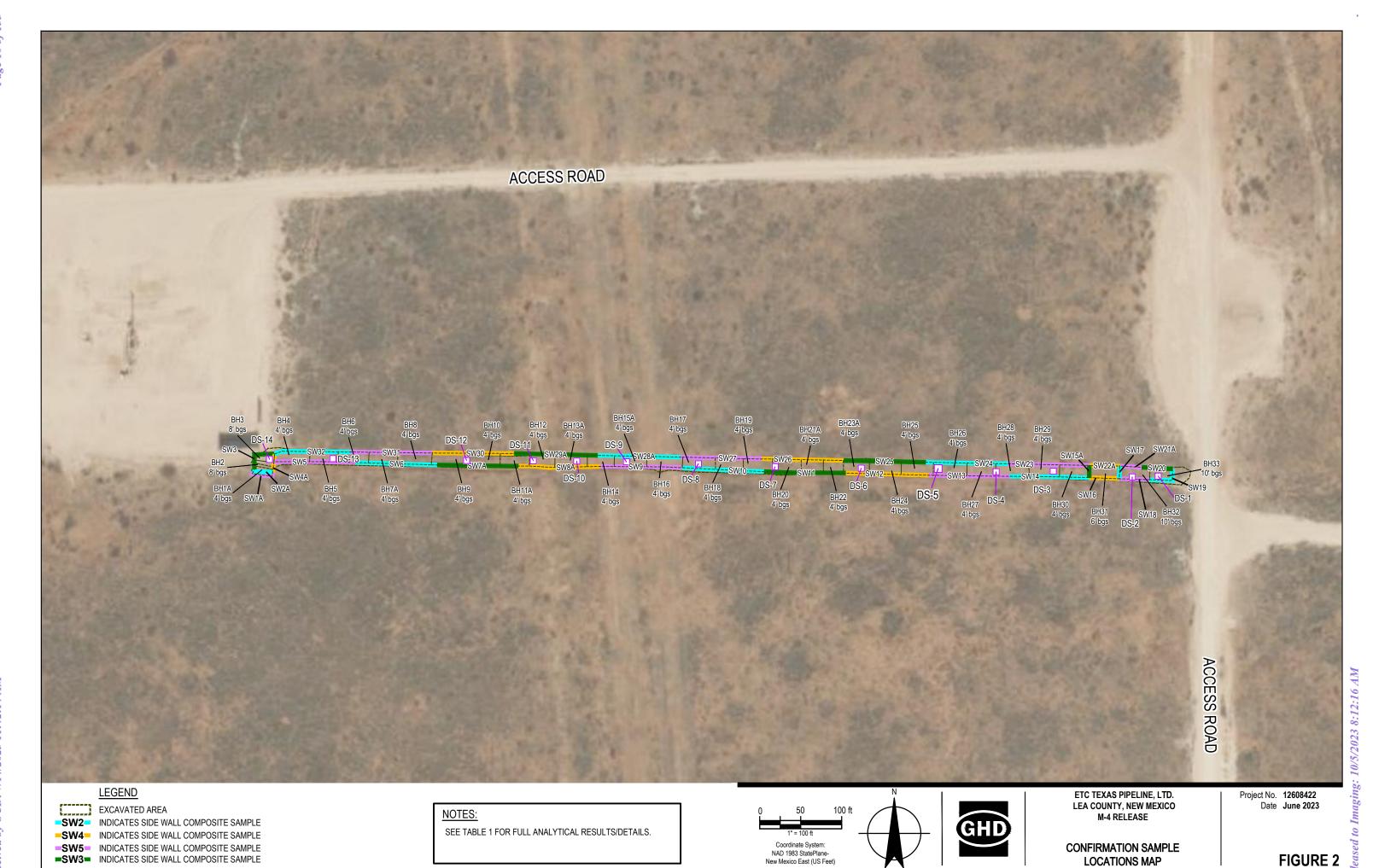
Attachment B – Laboratory Analytical Reports and Chain-of-Custody Documentation

Attachment C – Photographic Log

cc: Dean Ericson, ETCTP

**Figures** 





Filename: N:IUSIHoustonProjects\562\12608422\Digital\_Design\ACAD\Figures\RPT001\12608422-GHD-00-00-RPT-EN-D101\_DL-001.dwg
Plot Date: 30 June 2023 3:30 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation Lat/Long: 32.382442° North, 103.203172° West

Tables

Table 1
Summary of Soil Analytical Data
M-4 Release
nAPP2307233858
Lea County, New Mexico

						ТРН						
	SAMPLE	DEPTH	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES	втех	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	TOTAL GRO/DRO/MRO	CHLORIDE (Lab)
SAMPLE ID	DATE	(FEET BGS)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I Cl	osure Criteria fo	or Soils <50 fee	t Depth to Grou	ndwater 19.15.2	9 NMAC		
			10				50				100	600
	_	_			Bottom Hole Co		<u>-</u>	_		_		
BH-1	5/12/23	4	₹0:050	<del>&lt;0.05</del> 0	<0.050	₹0:450	₹0:300	<del>&gt;10.0</del>	117	17.3	134.3	32.0
BH-1A	6/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
BH-2	5/12/23	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
BH-3	5/12/23	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.9	<10.0	17.9	<16.0
BH-4	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.5	<10.0	22.5	32.0
BH-5	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	45.5	<10.0	45.5	16.0
BH-6	5/12/23	4	<0.050	0.062	0.072	0.191	0.326	<10.0	18.7	<10.0	18.7	48.0
BH-7	5/12/23	#	<0.050	<del>₹0.05</del> 0_	<0.050	≥0:450	≥0:300	≥10.0	186	38.4	224.4	64.0
BH-7A	6/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.9	<10.0	15.9	16.0
BH-8	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.4	<10.0	18.4	96.0
BH-9	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.0	<10.0	12.0	64.0
BH-10	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.1	<10.0	14.1	32.0
BH-11	5/12/23	#	<0.050	<0.950	<0.050	<0:450_	≥0:300	≥10.0	385	72.7	457.7	32.0
BH-11A	6/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
BH-12	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
BH-13	5/12/23	#	<0.050	≥0:950	<0.050	<0:450	≥0:300	≥10.0	134	31.6	185.6	32.0
BH-13A	6/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
BH-14	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
BH-15	5/12/23	4	<0.050	<del>≥0.05</del> 0	<0.050	<0.450	₹0:300_	₹10.0	148	28.8	176.8	32.0
BH-15A	6/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
BH-16	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	512
BH-17	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.8	<10.0	12.8	48.0
BH-18	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
BH-19	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
BH-20	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	41.8	<10.0	41.8	16.0
BH-21	5/12/23	4	<0.050	≥0:950_	₹0.050	₹0:450_	₹0:300_	₹10.0	91.3	11.9	103.2	48.0
BH-21A	6/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
BH-22	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
BH-23	5/12/23	4	<0.050	<0:950	<0.050_	₹0:450	₹0:300_	≥10.0_	346	57.4	403.4	64.0
BH-23A	6/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
BH-24	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
BH-25	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0

Table 1
Summary of Soil Analytical Data
M-4 Release
nAPP2307233858
Lea County, New Mexico

								TPH				
	SAMPLE	DEPTH	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	TOTAL GRO/DRO/MRO	CHLORIDE (Lab)
SAMPLE ID	DATE	(FEET BGS)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I Clo				ndwater 19.15.2	9 NMAC		
			10				50				100	600
BH-26	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
BH-27	5/12/23	4	<0.050	<0.050	0.065	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
BH-28	5/12/23	4	<0.050	<0.050	0.107	0.269	0.376	<10.0	<10.0	<10.0	<10.0	32.0
BH-29	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
BH-30	5/12/23	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
BH-31	5/12/23	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.1	<10.0	11.1	64.0
BH-32	5/12/23	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
BH-33	5/12/23	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
					Sidewall Conf	irmation Samp	es					
<del>SW-1</del>	5/12/23	0-4	<del>&lt;0.05</del> 0	≥0.950	<0.050	≥0:450	≥0:300	₹10.0	136	30.2	186.2	64.0
SW-1A	6/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SW-2	5/12/23	4-8	<0.050	<del>₹0.05</del> 0_	<0.050	≥0:450	<del>₹0:300</del>	₹10.0	118	24.2	142.2	48.0
SW-2A	6/12/23	4-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SW-3	5/12/23	0-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
<del>SW-4</del>	5/12/23	0-8	<del>₹0.05</del> 0	<del>₹0:05</del> 0	<0:050	<del>≥0:15</del> 0	<del>₹0.300</del>	<del>≥10.0</del>	286	46.6	332.6	64.0
SW-4A	6/12/23	0-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.1	10.5	41.6	32.0
SW-5	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	34.1	<10.0	34.1	<16.0
SW-6	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.3	<10.0	13.3	16.0
<del>SW-7</del>	5/12/23	9-4	<del>≥0.05</del> 0	<del>₹0:05</del> 0	<0.050	≥0:150	<del>≥0.300</del>	<del>&gt;10.0</del>	440	115	555	32.0
SW-7A	6/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.4	<10.0	10.4	48.0
<del>SW-8</del>	5/12/23	0-4	<0.050	<del>&lt;0.95</del> 0	<0.050	<0.150	≥0:300	≥10.0	126	11.9	137.9	32.0
SW-8A	6/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SW-9	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	36.1	<10.0	36.1	<16.0
SW-10	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SW-11	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	41.8	15.3	57.1	32.0
SW-12	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SW-13	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SW-14	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SW-15	5/12/23	4-6	₹0.950	₹0:950	<0.950	≥0:450	<del>₹0.300</del>	<del>≥10.0</del>	565	181	746	128
SW-15A	6/12/23	4-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SW-16	5/12/23	0-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.1	<10.0	10.1	400
SW-17	5/12/23	6-10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
SW-18	5/12/23	0-10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	512

#### Table 1 Summary of Soil Analytical Data M-4 Release nAPP2307233858 Lea County, New Mexico

							ТРН					
	SAMPLE	DEPTH	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	TOTAL GRO/DRO/MRO	CHLORIDE (Lab)
SAMPLE ID	DATE	(FEET BGS)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I Cl	osure Criteria f	or Soils <50 fee	t Depth to Grou	ndwater 19.15.2	9 NMAC		
			10				50				100	600
SW-19	5/12/23	0-10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.6	<10.0	11.6	16.0
SW-20	5/12/23	0-10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	48.5	14.8	63.3	80.0
<del>SW-21</del>	5/12/23	0-10	<0:050	₹0:050	<0.050	≥0:450	≥0:300	≥10.0	703	98.4	801.4	352
SW-21A	6/12/23	0-10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
<del>SW-22</del>	5/12/23	0-6	<0.050	< <del>0.05</del> 0	<0.050	<0:450	<0.300	≥10.0	47.7	≥10.0	47.7	1200
SW-22A	6/12/23	0-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.3	<10.0	32.3	48.0
SW-23	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SW-24	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SW-25	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.7	<10.0	10.7	<16.0
SW-26	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.0	10.6	27.6	<16.0
SW-27	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.1	<10.0	15.1	<16.0
<del>SW-28</del>	5/12/23	0-4	<0.050	< <del>0.05</del> 0	<0.050	<0.450	<0.300	≥10.0	161	29.2	190.2	192
SW-28A	6/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.9	<10.0	32.9	32.0
<del>SW-2</del> 9	5/12/23	0-4	<del>&lt;0.05</del> 0	<del>≥0.05</del> 0	<0.050	≥0:450	≥0.300	≥10.0	216	41.1	257.1	32.0
SW-29A	6/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SW-30	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	93.3	<10.0	93.3	32.0
SW-31	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SW-32	5/12/23	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.8	<10.0	<10.0	<16.0

#### Notes:

- 1. Values reported in mg/kg
- 2. < = Value Less than Reporting Limit (RL)
- 3. Bold Indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B.
- 5. TPH analyses by EPA Method SW 8015 Mod.

B-BH 2 Sample Point Excavated

- 6. GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table 1 Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table 1 Closure Criteria for the site (Surface to 4 Feet Below Grade).

## Table 2 Daily Disposal Summary M-4 Release nAPP2307233858 Lea County, New Mexico

Date of Disposal	Total Yards Disposed
3/14/2023	60
5/1/2023	60
5/2/2023	240
5/3/2023	340
5/4/2023	120
5/5/2023	360
5/8/2023	300
5/9/2023	360
5/10/2023	360
5/11/2023	100
5/12/2023	220
Project Total	2,520

## Attachment A NMOCD Correspondence

#### **Nate Reece**

From: J.T. Murrey

**Sent:** Monday, May 1, 2023 4:06 PM **To:** Ericson, Dean; Nate Reece

**Subject:** FW: [EXTERNAL] nAPP2307233858 - Proposed Work Plan Variance Request

CompleteRepository: 12608422

**Description:** ET - M-4 Release

**JobNo:** 12608422

**OperatingCentre:** 562

**RepoEmail:** 12608422@ghd.com

**RepoType:** Project

Gentlemen,

Requested 500 but got 400 which is still great.

Thanks

#### J.T. Murrey

#### **GHD**

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M 361 252 6136 | E jt.murrey@ghd.com

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From: Nobui, Jennifer, EMNRD < Jennifer. Nobui@emnrd.nm.gov>

**Sent:** Monday, May 1, 2023 3:03 PM **To:** J.T. Murrey <JT.Murrey@ghd.com>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] nAPP2307233858 - Proposed Work Plan Variance Request

Hello J.T.

Upon review of you request, OCD approves your request with a slight modification. As depth to groundwater was not established, composite confirmation samples can be collected from the bottom and sidewalls of the excavation from areas representing no more than four hundred (400) square feet.

Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Please let me know if you have any questions.

Thanks, Jennifer Nobui

From: J.T. Murrey < JT.Murrey@ghd.com > Sent: Monday, May 1, 2023 1:41 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov >

**Cc:** Nobui, Jennifer, EMNRD < <u>Jennifer.Nobui@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD < <u>mike.bratcher@emnrd.nm.gov</u>>; Nate Reece < <u>Nate.Reece@ghd.com</u>>; Ericson, Dean

<Dean.Ericson@energyTransfer.com>

Subject: [EXTERNAL] nAPP2307233858 - Proposed Work Plan Variance Request

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ETC Texas Pipeline submitted a Site Characterization and Soil Remediation Work Plan for the release. Contractors are currently working to initiate the remediation of the release but it appears the affected area is larger than originally anticipated. As a result, we are requesting a variance to the sampling grid that was originally proposed (every 200 square feet) to one sample for every 500 square feet.

Please let us know if this variance is approved.

Thanks!

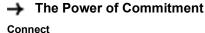
#### J.T. Murrey

#### GHD

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Canada: 800 679 9082





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#### **Nate Reece**

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

**Sent:** Wednesday, May 10, 2023 10:35 AM

To: Nate Reece

Cc: Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD

**Subject:** RE: [EXTERNAL] Sampling Notification - M-4

Nate,

Please be aware that notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to insure inclusion in the project file.

JH

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov

http://www.emnrd.nm.gov



From: Nate Reece <Nate.Reece@ghd.com> Sent: Tuesday, May 9, 2023 12:32 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: J.T. Murrey <JT.Murrey@ghd.com>; Ericson, Dean <Dean.Ericson@energyTransfer.com>; Daniel Sparks

<Daniel.Sparks@ghd.com>

Subject: [EXTERNAL] Sampling Notification - M-4

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To Whom it May Concern,

GHD on behalf of ETC Texas Pipeline, respectfully submits notification of sampling to be conducted at the below locations:.

M-4 Release 19-22S-37E Lea County, NM nAPP2307233858

Sampling will begin at 7:00 a.m. on Thursday, May 11, 2023 and be continuous through May 26, 2023.

Thank You.

Nate Reece Environmental Scientist

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11451 Katy Fwy #400, Houston, TX 77079 United States M +1 281 386 7158 | E nate.reece@ghd.com



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# Attachment B Laboratory Analytical Reports and Chain-ofCustody Documentation



May 18, 2023

NATE REECE

GHD SERVICES, INC.

6121 INDIAN SCHOOL RD, NE STE. 200

ALBUQUERQUE, NM 87110

RE: M-4 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/15/23 14:25.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

Method EPA 552.2 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)

Celey D. Keene

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



#### Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1	H232416-01	Soil	12-May-23 00:00	15-May-23 14:25
BH-2	H232416-02	Soil	12-May-23 00:00	15-May-23 14:25
BH-3	H232416-03	Soil	12-May-23 00:00	15-May-23 14:25
BH-4	H232416-04	Soil	12-May-23 00:00	15-May-23 14:25
BH-5	H232416-05	Soil	12-May-23 00:00	15-May-23 14:25
BH-6	H232416-06	Soil	12-May-23 00:00	15-May-23 14:25
BH-7	H232416-07	Soil	12-May-23 00:00	15-May-23 14:25
BH-8	H232416-08	Soil	12-May-23 00:00	15-May-23 14:25
BH-9	H232416-09	Soil	12-May-23 00:00	15-May-23 14:25
BH-10	H232416-10	Soil	12-May-23 00:00	15-May-23 14:25
BH-11	H232416-11	Soil	12-May-23 00:00	15-May-23 14:25
BH-12	H232416-12	Soil	12-May-23 00:00	15-May-23 14:25
BH-13	H232416-13	Soil	12-May-23 00:00	15-May-23 14:25
BH-14	H232416-14	Soil	12-May-23 00:00	15-May-23 14:25
BH-15	H232416-15	Soil	12-May-23 00:00	15-May-23 14:25
BH-16	H232416-16	Soil	12-May-23 00:00	15-May-23 14:25
BH-17	H232416-17	Soil	12-May-23 00:00	15-May-23 14:25
BH-18	H232416-18	Soil	12-May-23 00:00	15-May-23 14:25
BH-19	H232416-19	Soil	12-May-23 00:00	15-May-23 14:25
BH-20	H232416-20	Soil	12-May-23 00:00	15-May-23 14:25
BH-21	H232416-21	Soil	12-May-23 00:00	15-May-23 14:25
BH-22	H232416-22	Soil	12-May-23 00:00	15-May-23 14:25
BH-23	H232416-23	Soil	12-May-23 00:00	15-May-23 14:25
BH-24	H232416-24	Soil	12-May-23 00:00	15-May-23 14:25
BH-25	H232416-25	Soil	12-May-23 00:00	15-May-23 14:25
BH-26	H232416-26	Soil	12-May-23 00:00	15-May-23 14:25
BH-27	H232416-27	Soil	12-May-23 00:00	15-May-23 14:25

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **Analytical Results For:**

BH-28         H232416-28         Soil         12-May-23 00:00         15-May-23 14:25           BH-29         H232416-29         Soil         12-May-23 00:00         15-May-23 14:25           BH-30         H232416-30         Soil         12-May-23 00:00         15-May-23 14:25           BH-31         H232416-31         Soil         12-May-23 00:00         15-May-23 14:25           BH-32         H232416-33         Soil         12-May-23 00:00         15-May-23 14:25           BH-33         H232416-34         Soil         12-May-23 00:00         15-May-23 14:25           SW-1         H232416-34         Soil         12-May-23 00:00         15-May-23 14:25           SW-2         H232416-36         Soil         12-May-23 00:00         15-May-23 14:25           SW-3         H232416-37         Soil         12-May-23 00:00         15-May-23 14:25           SW-4         H232416-38         Soil         12-May-23 00:00         15-May-23 14:25           SW-5         H232416-49         Soil         12-May-23 00:00         15-May-23 14:25           SW-6         H232416-41         Soil         12-May-23 00:00         15-May-23 14:25           SW-8         H232416-41         Soil         12-May-23 00:00         15-May-23 14:25 <th>GHD SERVICES, INC. 6121 INDIAN SCHOOL RD ALBUQUERQUE NM, 87110</th> <th></th> <th>Project: Project Number: Project Manager: Fax To:</th> <th></th> <th>Reported: 18-May-23 13:16</th>	GHD SERVICES, INC. 6121 INDIAN SCHOOL RD ALBUQUERQUE NM, 87110		Project: Project Number: Project Manager: Fax To:		Reported: 18-May-23 13:16
BH-30	BH-28	H232416-28	Soil	12-May-23 00:00	15-May-23 14:25
BH-31 H232416-31 Soil 12-May-23 00:00 15-May-23 14:25 BH-32 H232416-32 Soil 12-May-23 00:00 15-May-23 14:25 BH-33 H232416-33 Soil 12-May-23 00:00 15-May-23 14:25 SW-1 H232416-35 Soil 12-May-23 00:00 15-May-23 14:25 SW-2 H232416-36 Soil 12-May-23 00:00 15-May-23 14:25 SW-3 H232416-36 Soil 12-May-23 00:00 15-May-23 14:25 SW-4 H232416-37 Soil 12-May-23 00:00 15-May-23 14:25 SW-5 H232416-38 Soil 12-May-23 00:00 15-May-23 14:25 SW-6 H232416-39 Soil 12-May-23 00:00 15-May-23 14:25 SW-7 H232416-40 Soil 12-May-23 00:00 15-May-23 14:25 SW-9 H232416-41 Soil 12-May-23 00:00 15-May-23 14:25 SW-9 H232416-43 Soil 12-May-23 00:00 15-May-23 14:25 SW-10 H232416-43 Soil 12-May-23 00:00 15-May-23 14:25 SW-11 H232416-44 Soil 12-May-23 00:00 15-May-23 14:25 SW-12 H232416-45 Soil 12-May-23 00:00 15-May-23 14:25 SW-13 H232416-46 Soil 12-May-23 00:00 15-May-23 14:25 SW-14 H232416-46 Soil 12-May-23 00:00 15-May-23 14:25 SW-15 H232416-47 Soil 12-May-23 00:00 15-May-23 14:25 SW-16 H232416-48 Soil 12-May-23 00:00 15-May-23 14:25 SW-16 H232416-50 Soil 12-May-23 00:00 15-May-23 14:25 SW-17 H232416-50 Soil 12-May-23 00:00 15-May-23 14:25 SW-19 H232416-51 Soil 12-May-23 00:00 15-May-23 14:25 SW-19 H232416-51 Soil 12-May-23 00:00 15-May-23 14:25 SW-19 H232416-50 Soil 12-May-23 00:00 15-May-23 14:25 SW-20 H232416-51 Soil 12-May-23 00:00 15-May-23 14:25 SW-20 H232416-51 Soil 12-May-23 00:00 15-May-23 14:25 SW-20 H232416-54 Soil 12-May-23 00:00 15-May-23 14:25 SW-20 H232416-55 Soil 12-May-23 00:00 15-May-23 14:25 SW-20 H232416-55 Soil 12-May-23 00:00 15-May-23 14:25 SW-20 H232416-56 Soil 12-May-23 00:00 15-May-23 14:25 SW-20 H232416-56 Soil 12-May-23 00:00 15-May-23 14:25	BH-29	H232416-29	Soil	12-May-23 00:00	15-May-23 14:25
BH-32	BH-30	H232416-30	Soil	-	15-May-23 14:25
BH-33	BH-31	H232416-31	Soil	-	15-May-23 14:25
SW-1 H232416-34 Soil 12-May-23 00:00 15-May-23 14:25 SW-2 H232416-35 Soil 12-May-23 00:00 15-May-23 14:25 SW-3 H232416-36 Soil 12-May-23 00:00 15-May-23 14:25 SW-4 H232416-37 Soil 12-May-23 00:00 15-May-23 14:25 SW-5 H232416-38 Soil 12-May-23 00:00 15-May-23 14:25 SW-6 H232416-39 Soil 12-May-23 00:00 15-May-23 14:25 SW-7 H232416-40 Soil 12-May-23 00:00 15-May-23 14:25 SW-8 H232416-41 Soil 12-May-23 00:00 15-May-23 14:25 SW-9 H232416-42 Soil 12-May-23 00:00 15-May-23 14:25 SW-10 H232416-43 Soil 12-May-23 00:00 15-May-23 14:25 SW-11 H232416-44 Soil 12-May-23 00:00 15-May-23 14:25 SW-12 H232416-45 Soil 12-May-23 00:00 15-May-23 14:25 SW-13 H232416-46 Soil 12-May-23 00:00 15-May-23 14:25 SW-14 H232416-46 Soil 12-May-23 00:00 15-May-23 14:25 SW-14 H232416-48 Soil 12-May-23 00:00 15-May-23 14:25 SW-15 H232416-48 Soil 12-May-23 00:00 15-May-23 14:25 SW-16 H232416-49 Soil 12-May-23 00:00 15-May-23 14:25 SW-16 H232416-50 Soil 12-May-23 00:00 15-May-23 14:25 SW-17 H232416-50 Soil 12-May-23 00:00 15-May-23 14:25 SW-17 H232416-50 Soil 12-May-23 00:00 15-May-23 14:25 SW-18 H232416-50 Soil 12-May-23 00:00 15-May-23 14:25 SW-19 H232416-51 Soil 12-May-23 00:00 15-May-23 14:25 SW-19 H232416-55 Soil 12-May-23 00:00 15-May-23 14:25 SW-19 H232416-55 Soil 12-May-23 00:00 15-May-23 14:25 SW-19 H232416-55 Soil 12-May-23 00:00 15-May-23 14:25 SW-20 H232416-55 Soil 12-May-23 00:00 15-May-23 14:25 SW-22 H232416-56 Soil 12-May-23 00:00 15-May-23 14:25 SW-23 H232416-56 Soil 12-May-23 00:00 15-May-23 14:25 SW-	BH-32	H232416-32	Soil	-	15-May-23 14:25
SW-2       H232416-35       Soil       12-May-23 00:00       15-May-23 14:25         SW-3       H232416-36       Soil       12-May-23 00:00       15-May-23 14:25         SW-4       H232416-37       Soil       12-May-23 00:00       15-May-23 14:25         SW-5       H232416-38       Soil       12-May-23 00:00       15-May-23 14:25         SW-6       H232416-39       Soil       12-May-23 00:00       15-May-23 14:25         SW-7       H232416-40       Soil       12-May-23 00:00       15-May-23 14:25         SW-8       H232416-41       Soil       12-May-23 00:00       15-May-23 14:25         SW-9       H232416-42       Soil       12-May-23 00:00       15-May-23 14:25         SW-10       H232416-43       Soil       12-May-23 00:00       15-May-23 14:25         SW-11       H232416-44       Soil       12-May-23 00:00       15-May-23 14:25         SW-12       H232416-45       Soil       12-May-23 00:00       15-May-23 14:25         SW-13       H232416-46       Soil       12-May-23 00:00       15-May-23 14:25         SW-14       H232416-47       Soil       12-May-23 00:00       15-May-23 14:25         SW-15       H232416-48       Soil       12-May-23 00:00       1	BH-33	H232416-33	Soil	•	15-May-23 14:25
SW-3         H232416-36         Soil         12-May-23 00:00         15-May-23 14:25           SW-4         H232416-37         Soil         12-May-23 00:00         15-May-23 14:25           SW-5         H232416-38         Soil         12-May-23 00:00         15-May-23 14:25           SW-6         H232416-49         Soil         12-May-23 00:00         15-May-23 14:25           SW-7         H232416-40         Soil         12-May-23 00:00         15-May-23 14:25           SW-8         H232416-41         Soil         12-May-23 00:00         15-May-23 14:25           SW-9         H232416-42         Soil         12-May-23 00:00         15-May-23 14:25           SW-10         H232416-43         Soil         12-May-23 00:00         15-May-23 14:25           SW-11         H232416-44         Soil         12-May-23 00:00         15-May-23 14:25           SW-12         H232416-45         Soil         12-May-23 00:00         15-May-23 14:25           SW-13         H232416-46         Soil         12-May-23 00:00         15-May-23 14:25           SW-14         H232416-47         Soil         12-May-23 00:00         15-May-23 14:25           SW-15         H232416-48         Soil         12-May-23 00:00         15-May-23 14:25 <td>SW-1</td> <td>H232416-34</td> <td>Soil</td> <td>12-May-23 00:00</td> <td>15-May-23 14:25</td>	SW-1	H232416-34	Soil	12-May-23 00:00	15-May-23 14:25
SW-4       H232416-37       Soil       12-May-23 0:00       15-May-23 14:25         SW-5       H232416-38       Soil       12-May-23 0:00       15-May-23 14:25         SW-6       H232416-39       Soil       12-May-23 0:00       15-May-23 14:25         SW-7       H232416-40       Soil       12-May-23 0:00       15-May-23 14:25         SW-8       H232416-41       Soil       12-May-23 0:00       15-May-23 14:25         SW-9       H232416-42       Soil       12-May-23 0:00       15-May-23 14:25         SW-10       H232416-43       Soil       12-May-23 0:00       15-May-23 14:25         SW-11       H232416-44       Soil       12-May-23 0:00       15-May-23 14:25         SW-12       H232416-45       Soil       12-May-23 0:00       15-May-23 14:25         SW-13       H232416-46       Soil       12-May-23 0:00       15-May-23 14:25         SW-14       H232416-47       Soil       12-May-23 0:00       15-May-23 14:25         SW-15       H232416-48       Soil       12-May-23 0:00       15-May-23 14:25         SW-16       H232416-50       Soil       12-May-23 0:00       15-May-23 14:25         SW-17       H232416-51       Soil       12-May-23 0:00       15-May-23 14:	SW-2	H232416-35	Soil	12-May-23 00:00	15-May-23 14:25
SW-5       H232416-38       Soil       12-May-23 00:00       15-May-23 14:25         SW-6       H232416-39       Soil       12-May-23 00:00       15-May-23 14:25         SW-7       H232416-40       Soil       12-May-23 00:00       15-May-23 14:25         SW-8       H232416-41       Soil       12-May-23 00:00       15-May-23 14:25         SW-9       H232416-42       Soil       12-May-23 00:00       15-May-23 14:25         SW-10       H232416-43       Soil       12-May-23 00:00       15-May-23 14:25         SW-11       H232416-44       Soil       12-May-23 00:00       15-May-23 14:25         SW-12       H232416-45       Soil       12-May-23 00:00       15-May-23 14:25         SW-13       H232416-46       Soil       12-May-23 00:00       15-May-23 14:25         SW-14       H232416-47       Soil       12-May-23 00:00       15-May-23 14:25         SW-15       H232416-48       Soil       12-May-23 00:00       15-May-23 14:25         SW-16       H232416-49       Soil       12-May-23 00:00       15-May-23 14:25         SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00 <t< td=""><td>SW-3</td><td>H232416-36</td><td>Soil</td><td>-</td><td>15-May-23 14:25</td></t<>	SW-3	H232416-36	Soil	-	15-May-23 14:25
SW-6         H232416-39         Soil         12-May-23 00:00         15-May-23 14:25           SW-7         H232416-40         Soil         12-May-23 00:00         15-May-23 14:25           SW-8         H232416-41         Soil         12-May-23 00:00         15-May-23 14:25           SW-9         H232416-42         Soil         12-May-23 00:00         15-May-23 14:25           SW-10         H232416-43         Soil         12-May-23 00:00         15-May-23 14:25           SW-11         H232416-44         Soil         12-May-23 00:00         15-May-23 14:25           SW-12         H232416-45         Soil         12-May-23 00:00         15-May-23 14:25           SW-13         H232416-46         Soil         12-May-23 00:00         15-May-23 14:25           SW-14         H232416-47         Soil         12-May-23 00:00         15-May-23 14:25           SW-15         H232416-48         Soil         12-May-23 00:00         15-May-23 14:25           SW-16         H232416-49         Soil         12-May-23 00:00         15-May-23 14:25           SW-17         H232416-50         Soil         12-May-23 00:00         15-May-23 14:25           SW-18         H232416-51         Soil         12-May-23 00:00         15-May-23 14:25	SW-4	H232416-37	Soil	12-May-23 00:00	15-May-23 14:25
SW-7       H232416-40       Soil       12-May-23 00:00       15-May-23 14:25         SW-8       H232416-41       Soil       12-May-23 00:00       15-May-23 14:25         SW-9       H232416-42       Soil       12-May-23 00:00       15-May-23 14:25         SW-10       H232416-43       Soil       12-May-23 00:00       15-May-23 14:25         SW-11       H232416-44       Soil       12-May-23 00:00       15-May-23 14:25         SW-12       H232416-45       Soil       12-May-23 00:00       15-May-23 14:25         SW-13       H232416-46       Soil       12-May-23 00:00       15-May-23 14:25         SW-14       H232416-47       Soil       12-May-23 00:00       15-May-23 14:25         SW-15       H232416-48       Soil       12-May-23 00:00       15-May-23 14:25         SW-16       H232416-49       Soil       12-May-23 00:00       15-May-23 14:25         SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-55       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00	SW-5	H232416-38	Soil	12-May-23 00:00	15-May-23 14:25
SW-8       H232416-41       Soil       12-May-23 00:00       15-May-23 14:25         SW-9       H232416-42       Soil       12-May-23 00:00       15-May-23 14:25         SW-10       H232416-43       Soil       12-May-23 00:00       15-May-23 14:25         SW-11       H232416-44       Soil       12-May-23 00:00       15-May-23 14:25         SW-12       H232416-45       Soil       12-May-23 00:00       15-May-23 14:25         SW-13       H232416-46       Soil       12-May-23 00:00       15-May-23 14:25         SW-14       H232416-47       Soil       12-May-23 00:00       15-May-23 14:25         SW-15       H232416-48       Soil       12-May-23 00:00       15-May-23 14:25         SW-16       H232416-49       Soil       12-May-23 00:00       15-May-23 14:25         SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00	SW-6	H232416-39	Soil	12-May-23 00:00	15-May-23 14:25
SW-9       H232416-42       Soil       12-May-23 00:00       15-May-23 14:25         SW-10       H232416-43       Soil       12-May-23 00:00       15-May-23 14:25         SW-11       H232416-44       Soil       12-May-23 00:00       15-May-23 14:25         SW-12       H232416-45       Soil       12-May-23 00:00       15-May-23 14:25         SW-13       H232416-46       Soil       12-May-23 00:00       15-May-23 14:25         SW-14       H232416-47       Soil       12-May-23 00:00       15-May-23 14:25         SW-15       H232416-48       Soil       12-May-23 00:00       15-May-23 14:25         SW-16       H232416-49       Soil       12-May-23 00:00       15-May-23 14:25         SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00       15-May-23 14:25         SW-22       H232416-55       Soil       12-May-23 00:00	SW-7	H232416-40	Soil	12-May-23 00:00	15-May-23 14:25
SW-10       H232416-43       Soil       12-May-23 00:00       15-May-23 14:25         SW-11       H232416-44       Soil       12-May-23 00:00       15-May-23 14:25         SW-12       H232416-45       Soil       12-May-23 00:00       15-May-23 14:25         SW-13       H232416-46       Soil       12-May-23 00:00       15-May-23 14:25         SW-14       H232416-47       Soil       12-May-23 00:00       15-May-23 14:25         SW-15       H232416-48       Soil       12-May-23 00:00       15-May-23 14:25         SW-16       H232416-49       Soil       12-May-23 00:00       15-May-23 14:25         SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00       15-May-23 14:25         SW-22       H232416-56       Soil       12-May-23 00:00       15-May-23 14:25         SW-23       H232416-56       Soil       12-May-23 00:00	SW-8	H232416-41	Soil	-	15-May-23 14:25
SW-11       H232416-44       Soil       12-May-23 00:00       15-May-23 14:25         SW-12       H232416-45       Soil       12-May-23 00:00       15-May-23 14:25         SW-13       H232416-46       Soil       12-May-23 00:00       15-May-23 14:25         SW-14       H232416-47       Soil       12-May-23 00:00       15-May-23 14:25         SW-15       H232416-48       Soil       12-May-23 00:00       15-May-23 14:25         SW-16       H232416-49       Soil       12-May-23 00:00       15-May-23 14:25         SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00       15-May-23 14:25         SW-22       H232416-55       Soil       12-May-23 00:00       15-May-23 14:25         SW-23       H232416-56       Soil       12-May-23 00:00       15-May-23 14:25	SW-9	H232416-42	Soil	12-May-23 00:00	15-May-23 14:25
SW-12       H232416-45       Soil       12-May-23 00:00       15-May-23 14:25         SW-13       H232416-46       Soil       12-May-23 00:00       15-May-23 14:25         SW-14       H232416-47       Soil       12-May-23 00:00       15-May-23 14:25         SW-15       H232416-48       Soil       12-May-23 00:00       15-May-23 14:25         SW-16       H232416-49       Soil       12-May-23 00:00       15-May-23 14:25         SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00       15-May-23 14:25         SW-22       H232416-55       Soil       12-May-23 00:00       15-May-23 14:25         SW-23       H232416-56       Soil       12-May-23 00:00       15-May-23 14:25	SW-10	H232416-43	Soil	-	15-May-23 14:25
SW-13       H232416-46       Soil       12-May-23 00:00       15-May-23 14:25         SW-14       H232416-47       Soil       12-May-23 00:00       15-May-23 14:25         SW-15       H232416-48       Soil       12-May-23 00:00       15-May-23 14:25         SW-16       H232416-49       Soil       12-May-23 00:00       15-May-23 14:25         SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00       15-May-23 14:25         SW-22       H232416-55       Soil       12-May-23 00:00       15-May-23 14:25         SW-23       H232416-56       Soil       12-May-23 00:00       15-May-23 14:25	SW-11	H232416-44	Soil	12-May-23 00:00	15-May-23 14:25
SW-14       H232416-47       Soil       12-May-23 00:00       15-May-23 14:25         SW-15       H232416-48       Soil       12-May-23 00:00       15-May-23 14:25         SW-16       H232416-49       Soil       12-May-23 00:00       15-May-23 14:25         SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00       15-May-23 14:25         SW-22       H232416-55       Soil       12-May-23 00:00       15-May-23 14:25         SW-23       H232416-56       Soil       12-May-23 00:00       15-May-23 14:25	SW-12	H232416-45	Soil	12-May-23 00:00	15-May-23 14:25
SW-15       H232416-48       Soil       12-May-23 00:00       15-May-23 14:25         SW-16       H232416-49       Soil       12-May-23 00:00       15-May-23 14:25         SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00       15-May-23 14:25         SW-22       H232416-55       Soil       12-May-23 00:00       15-May-23 14:25         SW-23       H232416-56       Soil       12-May-23 00:00       15-May-23 14:25	SW-13	H232416-46	Soil	12-May-23 00:00	15-May-23 14:25
SW-16       H232416-49       Soil       12-May-23 00:00       15-May-23 14:25         SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00       15-May-23 14:25         SW-22       H232416-55       Soil       12-May-23 00:00       15-May-23 14:25         SW-23       H232416-56       Soil       12-May-23 00:00       15-May-23 14:25	SW-14	H232416-47	Soil	12-May-23 00:00	15-May-23 14:25
SW-17       H232416-50       Soil       12-May-23 00:00       15-May-23 14:25         SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00       15-May-23 14:25         SW-22       H232416-55       Soil       12-May-23 00:00       15-May-23 14:25         SW-23       H232416-56       Soil       12-May-23 00:00       15-May-23 14:25	SW-15	H232416-48	Soil	12-May-23 00:00	15-May-23 14:25
SW-18       H232416-51       Soil       12-May-23 00:00       15-May-23 14:25         SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00       15-May-23 14:25         SW-22       H232416-55       Soil       12-May-23 00:00       15-May-23 14:25         SW-23       H232416-56       Soil       12-May-23 00:00       15-May-23 14:25	SW-16	H232416-49	Soil	12-May-23 00:00	15-May-23 14:25
SW-19       H232416-52       Soil       12-May-23 00:00       15-May-23 14:25         SW-20       H232416-53       Soil       12-May-23 00:00       15-May-23 14:25         SW-21       H232416-54       Soil       12-May-23 00:00       15-May-23 14:25         SW-22       H232416-55       Soil       12-May-23 00:00       15-May-23 14:25         SW-23       H232416-56       Soil       12-May-23 00:00       15-May-23 14:25	SW-17	H232416-50	Soil	12-May-23 00:00	15-May-23 14:25
SW-20     H232416-53     Soil     12-May-23 00:00     15-May-23 14:25       SW-21     H232416-54     Soil     12-May-23 00:00     15-May-23 14:25       SW-22     H232416-55     Soil     12-May-23 00:00     15-May-23 14:25       SW-23     H232416-56     Soil     12-May-23 00:00     15-May-23 14:25	SW-18	H232416-51	Soil	12-May-23 00:00	15-May-23 14:25
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SW-22 H232416-55 Soil 12-May-23 00:00 15-May-23 14:25 SW-23 H232416-56 Soil 12-May-23 00:00 15-May-23 14:25	SW-20	H232416-53	Soil	12-May-23 00:00	15-May-23 14:25
SW-23 H232416-56 Soil 12-May-23 00:00 15-May-23 14:25	SW-21	H232416-54	Soil	12-May-23 00:00	15-May-23 14:25
40 May 20 00 00	SW-22	H232416-55	Soil	12-May-23 00:00	15-May-23 14:25
SW-24 H232416-57 Soil 12-May-23 00:00 15-May-23 14:25	SW-23	H232416-56	Soil	12-May-23 00:00	15-May-23 14:25
	SW-24	H232416-57	Soil	12-May-23 00:00	15-May-23 14:25

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **Analytical Results For:**

GHD SERVICES, INC. 5121 INDIAN SCHOOL RD, N ALBUQUERQUE NM, 87110	NE STE. 200	Project: Project Number: Project Manager: Fax To:		Reported: 18-May-23 13:16
SW-25	H232416-58	Soil	12-May-23 00:00	15-May-23 14:25
SW-26	H232416-59	Soil	12-May-23 00:00	15-May-23 14:25
SW-27	H232416-60	Soil	12-May-23 00:00	15-May-23 14:25
SW-28	H232416-61	Soil	12-May-23 00:00	15-May-23 14:25
SW-29	H232416-62	Soil	12-May-23 00:00	15-May-23 14:25
SW-30	H232416-63	Soil	12-May-23 00:00	15-May-23 14:25
SW-31	H232416-64	Soil	12-May-23 00:00	15-May-23 14:25
SW-32	H232416-65	Soil	12-May-23 00:00	15-May-23 14:25

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#### Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

#### BH-1 H232416-01 (Soil)

Analyte	Result	MDL F	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051630	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PIL	))		109 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	117		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	17.3		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			124 %	49.1	-148	3051539	MS	16-May-23	8015B	

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#### Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

#### BH-2 H232416-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051630	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	ЈН/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	ЈН/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			110 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			139 %	49.1	-148	3051539	MS	16-May-23	8015B	

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#### Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

#### BH-3 H232416-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051630	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	17.9		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane		·	114 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			142 %	49.1	-148	3051539	MS	16-May-23	8015B	

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#### **Analytical Results For:**

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

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#### BH-4 H232416-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051630	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)	)		109 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	22.5		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			98.5 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			125 %	49.1	-148	3051539	MS	16-May-23	8015B	

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#### **Analytical Results For:**

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

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#### BH-5 H232416-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3051630	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PIL	D)		108 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	45.5		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			109 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			136 %	49.1	-148	3051539	MS	16-May-23	8015B	

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#### Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

#### BH-6 H232416-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3051630	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	0.062		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	
Ethylbenzene*	0.072		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	
Total Xylenes*	0.191		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	
Total BTEX	0.326		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		110 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	18.7		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			104 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			118 %	49.1	-148	3051539	MS	16-May-23	8015B	

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#### Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

#### BH-7 H232416-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3051630	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)	)		110 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	186		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	38.4		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			118 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			145 %	49.1	-148	3051539	MS	16-May-23	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

#### BH-8 H232416-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	3051630	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID	))		108 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	18.4		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			120 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			140 %	49.1	-148	3051539	MS	16-May-23	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

#### BH-9 H232416-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3051630	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	12.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			96.1 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	3051539	MS	16-May-23	8015B	

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#### Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

#### BH-10 H232416-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051630	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)		108 %	71.5-134		3051606	JH/	16-May-23	8021B		
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	14.1		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
urrogate: 1-Chlorooctane		93.0 %	48.2-134		3051539	MS	16-May-23	8015B		
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	3051539	MS	16-May-23	8015B	

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#### Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

#### BH-11 H232416-11 (Soil)

Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	l Laborat	tories					
32.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
y EPA Method	8021								
< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)		110 %	71.5-134		3051606	JH/	16-May-23	8021B	
C FID									
<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
385		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
72.7		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
		115 % 48.2-134		-134	3051539	MS	16-May-23	8015B	
		125 %	49.1	-148	3051539	MS	16-May-23	8015B	
	32.0  oy EPA Method  <0.050 <0.050 <0.050 <0.150 <0.300  6C FID  <10.0 385	32.0  by EPA Method 8021  <0.050 <0.050 <0.050 <0.150 <0.300  CC FID  <10.0  385	Cardina   Cardina   Cardina     Cardina     Cardina       Cardina       Cardina     Cardina     Cardina     Cardina     Cardina     Cardina     Cardina	Cardinal Laborate	Cardinal Laboratories     Cardinal Laboratories	Cardinal Laboratories   Sec FID   Cardinal Laboratories   Dilution   Batch	Cardinal Laboratories   Cardinal Laboratories	Cardinal Laboratories   Sac FID   Cardinal Laboratories   Cardinal Laboratories   Cardinal Laboratories	Cardinal Laboratories   Security   Cardinal Laboratories   Security   Cardinal Laboratories   Security   Sec

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Celey D. Keene



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-12 H232416-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	288		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (P.	ID)		107 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane		·	112 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			128 %	49.1	-148	3051539	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-13 H232416-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds h	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	0.057		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	
Ethylbenzene*	0.088		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	
Total Xylenes*	0.208		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	
Total BTEX	0.352		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		108 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	134		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	31.6		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			110 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			129 %	49.1	-148	3051539	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-14 H232416-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			119 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			134 %	49.1	-148	3051539	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-15 H232416-15 (Soil)

Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	ıl Laborat	tories					
32.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
y EPA Method	8021								
< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
		107 %	71.5	-134	3051606	JH/	16-May-23	8021B	
C FID									
<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
148		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
28.8		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
	·	113 %	48.2	-134	3051539	MS	16-May-23	8015B	
		143 %	49.1	-148	3051539	MS	16-May-23	8015B	
	32.0 oy EPA Method <0.050 <0.050 <0.150 <0.300 SC FID <10.0 148	32.0 by EPA Method 8021 <0.050 <0.050 <0.050 <0.150 <0.300	Cardina   Cardina	Cardinal Laborate	Cardinal Laboratories   Cardinal Laboratories	Cardinal Laboratories           Cardinal Laboratories           32.0         16.0         mg/kg         4         3051641           by EPA Method 8021           <0.050	Cardinal Laboratories   Cardinal Laboratories	Cardinal Laboratories   Cardinal Laboratories   Cardinal Laboratories	Cardinal Laboratories   Cardinal Laboratories   Security   Cardinal Laboratories   Cardinal Laboratories

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Celeg D. Keine



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-16 H232416-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	512		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds by I	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by GC 1	FID									S-04
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			128 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			162 %	49.1	-148	3051539	MS	16-May-23	8015B	

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Celey D. Keene



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-17 H232416-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds I	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051606	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)	)		109 %	71.5	-134	3051606	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	12.8		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			79.7 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			72.2 %	49.1	-148	3051539	MS	16-May-23	8015B	

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Celeg D. Keine



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-18 H232416-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PIL	))		104 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									S-04_
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			123 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			156 %	49.1	-148	3051539	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-19 H232416-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									S-04
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			119 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			150 %	49.1	-148	3051539	MS	16-May-23	8015B	

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Celey D. Keene



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-20 H232416-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PI	D)		110 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
DRO >C10-C28*	41.8		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051539	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			121 %	48.2	-134	3051539	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			147 %	49.1	-148	3051539	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-21 H232416-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (Pl	(D)		110 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	91.3		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
EXT DRO > C28-C36	11.9		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane		·	98.3 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	3051540	MS	16-May-23	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-22 H232416-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds h	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)	)		105 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			95.7 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			96.7 %	49.1	-148	3051540	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200

ALBUQUERQUE NM, 87110

Project: M-4 RELEASE Project Number: 12608422 Project Manager: NATE REECE

Fax To:

Reported: 18-May-23 13:16

# **BH-23** H232416-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	346		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
EXT DRO >C28-C36	57.1		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			118 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			130 %	49.1	-148	3051540	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-24 H232416-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PL	D)		105 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			93.1 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			97.7 %	49.1	-148	3051540	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-25 H232416-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (P.	ID)		108 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			93.5 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			97.6 %	49.1	-148	3051540	MS	16-May-23	8015B	

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Celey D. Keine



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-26 H232416-26 (Soil)

Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	l Laborat	ories					
32.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
EPA Method	8021								
< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
		105 %	71.5	-134	3051607	JH/	16-May-23	8021B	_
FID									
<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
		96.9 %	48.2	-134	3051540	MS	16-May-23	8015B	
		99.2 %	49.1	-148	3051540	MS	16-May-23	8015B	
	32.0  EPA Method  <0.050 <0.050 <0.050 <0.150 <0.300  FID  <10.0 <10.0	32.0  EPA Method 8021  <0.050 <0.050 <0.050 <0.150 <0.300  FID  <10.0 <10.0	Result MDL Limit  Cardina  32.0 16.0  EPA Method 8021  <0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300  105 %  FID  <10.0 10.0 <10.0 10.0 <96.9 %	Result         MDL         Limit         Units           Cardinal Laborat           32.0         16.0         mg/kg           40.050         0.050         mg/kg           <0.050	Result         MDL         Limit         Units         Dilution           Cardinal Laboratories           32.0         16.0         mg/kg         4           EPA Method 8021           <0.050	Result         MDL         Limit         Units         Dilution         Batch           Cardinal Laboratories           EPA Method 8021           <0.050	Cardinal Laboratories   Satch   Analyst	Cardinal Laboratories   Cardinal Laboratories   32.0   16.0   mg/kg   4   3051641   AC   16-May-23	Cardinal Laboratories   Satch   Analyst   Analyzed   Method

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-27 H232416-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds by 1	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	0.065		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			92.3 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			89.8 %	49.1	-148	3051540	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-28 H232416-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds h	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	0.107		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	
Total Xylenes*	0.269		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	
Total BTEX	0.376		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane		·	86.2 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			77.1 %	49.1	-148	3051540	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-29 H232416-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			103 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			104 %	49.1	-148	3051540	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-30 H232416-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051641	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			91.6 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			89.7 %	49.1	-148	3051540	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## BH-31 H232416-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	11.1		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			117 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			127 %	49.1	-148	3051540	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## BH-32 H232416-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (P.	ID)		103 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			115 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	3051540	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# BH-33 H232416-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID	))		105 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			101 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	3051540	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# SW-1 H232416-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PIL	))		107 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	136		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
EXT DRO > C28-C36	30.2		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			95.8 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			105 %	49.1	-148	3051540	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# SW-2 H232416-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	118		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
EXT DRO >C28-C36	24.2		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane		·	86.5 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			91.8 %	49.1	-148	3051540	MS	16-May-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# SW-3 H232416-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			92.8 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			98.8 %	49.1	-148	3051540	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# SW-4 H232416-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051607	JH/	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PIL	))		107 %	71.5	-134	3051607	JH/	16-May-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	286		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
EXT DRO > C28-C36	46.6		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3051540	MS	16-May-23	8015B	

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Celey D. Keine



## **Analytical Results For:**

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# SW-5 H232416-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	QM-07, QR-03, U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	QM-07, QR-03, U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	QM-07, QR-03, U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	ЈН	16-May-23	8021B	QM-07, QR-03, U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5	-134	3051608	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	34.1		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			120 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			129 %	49.1	-148	3051540	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200

ALBUQUERQUE NM, 87110

Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

SW-6 H232416-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes			
			Cardina	ıl Laborat	ories								
Inorganic Compounds													
Chloride	16.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B				
Volatile Organic Compound	s by EPA Method	8021											
Benzene*	< 0.050		0.050	mg/kg	50	3051608	ЈН	16-May-23	8021B	U			
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U			
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U			
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U			
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U			
Surrogate: 4-Bromofluorobenzene (Pi	D)		104 %	71.5	-134	3051608	ЈН	16-May-23	8021B				
Petroleum Hydrocarbons by	GC FID												
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U			
DRO >C10-C28*	13.3		10.0	mg/kg	1	3051540	MS	16-May-23	8015B				
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U			
Surrogate: 1-Chlorooctane			113 %	48.2	-134	3051540	MS	16-May-23	8015B				
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	3051540	MS	16-May-23	8015B				

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# SW-7 H232416-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JН	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)	)		103 %	71.5	-134	3051608	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	U
DRO >C10-C28*	440		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
EXT DRO >C28-C36	115		10.0	mg/kg	1	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			96.8 %	48.2	-134	3051540	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	3051540	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# SW-8 H232416-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PII	D)		102 %	71.5	-134	3051608	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	126		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
EXT DRO >C28-C36	11.9		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane		·	128 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			138 %	49.1	-148	3051541	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# SW-9 H232416-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JН	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)	)		104 %	71.5	-134	3051608	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	36.1		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			130 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			143 %	49.1	-148	3051541	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200

ALBUQUERQUE NM, 87110

Project: M-4 RELEASE Project Number: 12608422

Project Manager: NATE REECE

Fax To:

Reported: 18-May-23 13:16

# **SW-10** H232416-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PIL	D)		101 %	71.5	-134	3051608	JH	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									S-04
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			140 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			148 %	49.1	-148	3051541	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# SW-11 H232416-44 (Soil)

Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	ıl Laborat	ories					
32.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
oy EPA Method	8021								
< 0.050		0.050	mg/kg	50	3051608	JН	16-May-23	8021B	U
< 0.050		0.050	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
)		106 %	71.5	-134	3051608	ЈН	16-May-23	8021B	
C FID									
<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
41.8		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
15.3		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
	·	114 %	48.2	-134	3051541	MS	16-May-23	8015B	
		113 %	49.1	-148	3051541	MS	16-May-23	8015B	
	32.0  by EPA Method  <0.050 <0.050 <0.050 <0.150 <0.300  6C FID  <10.0 41.8	32.0  by EPA Method 8021  <0.050 <0.050 <0.050 <0.150 <0.300  CC FID  <10.0 41.8	Result MDL Limit  Cardina  32.0 16.0  Dy EPA Method 8021  <0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300  106 %  GC FID  <10.0 10.0 41.8 10.0 15.3 10.0	Cardinal Laborate	Cardinal Laboratories     Cardinal Laboratories	Cardinal Laboratories   Sec FID   Cardinal Laboratories   Dilution   Batch	Cardinal Laboratories   Cardinal Laboratories	Cardinal Laboratories   Sac FID   Cardinal Laboratories   Cardinal Laboratories   Cardinal Laboratories	Cardinal Laboratories   Security   Cardinal Laboratories   Security   Cardinal Laboratories   Security   Sec

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Celey D. Keine



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200

ALBUQUERQUE NM, 87110

Project: M-4 RELEASE Project Number: 12608422 Project Manager: NATE REECE

Fax To:

Reported: 18-May-23 13:16

# **SW-12** H232416-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (Pi	D)		101 %	71.5	-134	3051608	JH	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			120 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			114 %	49.1	-148	3051541	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# SW-13 H232416-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JН	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PIL	))		103 %	71.5	-134	3051608	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			128 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			136 %	49.1	-148	3051541	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

# SW-14 H232416-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (P	PID)		106 %	71.5	-134	3051608	JH	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			103 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	3051541	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-15 H232416-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds by I	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JН	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JН	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	3051608	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									S-04
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	565		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
EXT DRO >C28-C36	181		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			125 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			158 %	49.1	-148	3051541	MS	16-May-23	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-16 H232416-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	400		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	71.5	-134	3051608	JH	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	10.1		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			117 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			127 %	49.1	-148	3051541	MS	16-May-23	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-17 H232416-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	3051631	AC	16-May-23	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JН	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JН	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JН	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (P	PID)		104 %	71.5	-134	3051608	JH	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			118 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			128 %	49.1	-148	3051541	MS	16-May-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-18 H232416-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	512		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JН	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3051608	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by Go	C <b>FID</b>									S-04
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			141 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			155 %	49.1	-148	3051541	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-19 H232416-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JН	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5	-134	3051608	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									S-04
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	11.6		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			146 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			159 %	49.1	-148	3051541	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-20 H232416-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PIL	<b>)</b> )		105 %	71.5	-134	3051608	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	48.5		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
EXT DRO >C28-C36	14.8		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			128 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			137 %	49.1	-148	3051541	MS	16-May-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-21 H232416-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	352		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	ЈН	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JН	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PIL	))		107 %	71.5	-134	3051608	JH	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	703		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
EXT DRO > C28-C36	98.4		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			112 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			138 %	49.1	-148	3051541	MS	16-May-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-22 H232416-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	1200		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (Pi	(D)		101 %	71.5	-134	3051608	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	47.7		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			132 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			141 %	49.1	-148	3051541	MS	16-May-23	8015B	

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Celey D. Keene



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-23 H232416-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PIL	D)		107 %	71.5	-134	3051608	JH	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			107 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	3051541	MS	16-May-23	8015B	

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Celey D. Keene



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-24 H232416-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051608	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051608	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	3051608	JH	16-May-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			117 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	3051541	MS	16-May-23	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-25 H232416-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds b	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051609	JН	16-May-23	8021B	QM-07, U
Toluene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	QM-07, U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051609	JH	16-May-23	8021B	QM-07, U
Total BTEX	< 0.300		0.300	mg/kg	50	3051609	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	3051609	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	10.7		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			115 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			104 %	49.1	-148	3051541	MS	16-May-23	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-26 H232416-59 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051609	JН	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051609	ЈН	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051609	ЈН	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051609	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3051609	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	17.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
EXT DRO >C28-C36	10.6		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			122 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			124 %	49.1	-148	3051541	MS	16-May-23	8015B	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-27 H232416-60 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051609	ЈН	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051609	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051609	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3051609	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
DRO >C10-C28*	15.1		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051541	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			130 %	48.2	-134	3051541	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			138 %	49.1	-148	3051541	MS	16-May-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-28 H232416-61 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051609	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051609	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (Pa	D)		105 %	71.5	-134	3051609	JH	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	U
DRO >C10-C28*	161		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	
EXT DRO >C28-C36	29.2		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			97.7 %	48.2	-134	3051544	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3051544	MS	16-May-23	8015B	

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Celeg D. Keene



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-29 H232416-62 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051609	ЈН	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051609	JН	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051609	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051609	JН	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PIL	0)		105 %	71.5	-134	3051609	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	U
DRO >C10-C28*	216		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	
EXT DRO >C28-C36	41.1		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctane			91.4 %	48.2	-134	3051544	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			104 %	49.1	-148	3051544	MS	16-May-23	8015B	

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Celey D. Keene



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-30 H232416-63 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051609	JН	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051609	ЈН	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051609	ЈН	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051609	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3051609	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	U
DRO >C10-C28*	93.3		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			81.5 %	48.2	-134	3051544	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			89.6 %	49.1	-148	3051544	MS	16-May-23	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-31 H232416-64 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051609	JН	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051609	ЈН	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051609	ЈН	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051609	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051609	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID	)		104 %	71.5	-134	3051609	ЈН	16-May-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	U
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	U
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			90.0 %	48.2	-134	3051544	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			94.7 %	49.1	-148	3051544	MS	16-May-23	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## SW-32 H232416-65 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3051642	AC	16-May-23	4500-Cl-B	U
Volatile Organic Compounds b	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Toluene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3051609	JH	16-May-23	8021B	U
Total Xylenes*	< 0.150		0.150	mg/kg	50	3051609	JH	16-May-23	8021B	U
Total BTEX	< 0.300		0.300	mg/kg	50	3051609	JH	16-May-23	8021B	U
Surrogate: 4-Bromofluorobenzene (PID)	ı		103 %	71.5	-134	3051609	JH	16-May-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	U
DRO >C10-C28*	13.8		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051544	MS	16-May-23	8015B	U
Surrogate: 1-Chlorooctane			80.6 %	48.2	-134	3051544	MS	16-May-23	8015B	
Surrogate: 1-Chlorooctadecane			73.8 %	49.1	-148	3051544	MS	16-May-23	8015B	

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Celey D. Keine



## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## **Inorganic Compounds - Quality Control**

### **Cardinal Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3051630 - 1:4 DI Water										
Blank (3051630-BLK1)				Prepared &	k Analyzed:	16-May-23				
Chloride	ND	16.0	mg/kg							
LCS (3051630-BS1)				Prepared &	k Analyzed:	16-May-23				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3051630-BSD1)				Prepared &	દે Analyzed:	16-May-23				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 3051631 - 1:4 DI Water										
Blank (3051631-BLK1)				Prepared &	k Analyzed:	16-May-23				
Chloride	ND	16.0	mg/kg							
LCS (3051631-BS1)				Prepared &	k Analyzed:	16-May-23				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3051631-BSD1)				Prepared &	દે Analyzed:	16-May-23				
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 3051641 - 1:4 DI Water										
Blank (3051641-BLK1)				Prepared &	k Analyzed:	16-May-23				
Chloride	ND	16.0	mg/kg							
LCS (3051641-BS1)				Prepared &	k Analyzed:	16-May-23				
Chloride	416	16.0	mg/kg	400		104	80-120			

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## **Inorganic Compounds - Quality Control**

### **Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3051641 - 1:4 DI Water										
LCS Dup (3051641-BSD1)				Prepared &	: Analyzed:	16-May-23	}			
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 3051642 - 1:4 DI Water										
Blank (3051642-BLK1)				Prepared &	Analyzed:	16-May-23	;			
Chloride	ND	16.0	mg/kg							Į
LCS (3051642-BS1)				Prepared &	Analyzed:	16-May-23	;			
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3051642-BSD1)				Prepared &	Analyzed:	16-May-23	}			
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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%REC

## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

RPD

Fax To:

Reporting

## Volatile Organic Compounds by EPA Method 8021 - Quality Control

### **Cardinal Laboratories**

Spike

Source

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3051606 - Volatiles										
Blank (3051606-BLK1)				Prepared &	k Analyzed:	16-May-2	3			
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)	0.0539		mg/kg	0.0500		108	71.5-134			
LCS (3051606-BS1)				Prepared &	analyzed:	16-May-2	3			
Benzene	2.08	0.050	mg/kg	2.00		104	81.4-118			
Toluene	2.08	0.050	mg/kg	2.00		104	88.7-121			
Ethylbenzene	2.18	0.050	mg/kg	2.00		109	86.1-120			
m,p-Xylene	4.34	0.100	mg/kg	4.00		109	88.2-124			
o-Xylene	2.15	0.050	mg/kg	2.00		108	84.9-118			
Total Xylenes	6.50	0.150	mg/kg	6.00		108	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0494		mg/kg	0.0500		98.7	71.5-134			
LCS Dup (3051606-BSD1)				Prepared &	t Analyzed:	16-May-2	3			
Benzene	2.01	0.050	mg/kg	2.00		100	81.4-118	3.27	15.8	
Toluene	2.05	0.050	mg/kg	2.00		102	88.7-121	1.45	15.9	
Ethylbenzene	2.13	0.050	mg/kg	2.00		106	86.1-120	2.45	16	
m,p-Xylene	4.22	0.100	mg/kg	4.00		105	88.2-124	2.92	16.2	
o-Xylene	2.08	0.050	mg/kg	2.00		104	84.9-118	3.64	16.7	
Total Xylenes	6.30	0.150	mg/kg	6.00		105	87.3-122	3.16	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0496		mg/kg	0.0500		99.1	71.5-134			
Batch 3051607 - Volatiles										
Blank (3051607-BLK1)				Prepared &	k Analyzed:	16-May-2	3			
Benzene	ND	0.050	mg/kg	•	•	•				
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							

#### Cardinal Laboratories

Total Xylenes

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U

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mg/kg

0.150

ND

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

RPD

Fax To:

Reporting

## **Volatile Organic Compounds by EPA Method 8021 - Quality Control**

### **Cardinal Laboratories**

Spike

Source

		7	** *			0/75				3.7
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3051607 - Volatiles										
Blank (3051607-BLK1)				Prepared &	Analyzed:	16-May-2	3			
Total BTEX	ND	0.300	mg/kg							1
Surrogate: 4-Bromofluorobenzene (PID)	0.0521		mg/kg	0.0500		104	71.5-134			
LCS (3051607-BS1)				Prepared &	: Analyzed:	16-May-2	3			
Benzene	2.05	0.050	mg/kg	2.00		102	81.4-118			
Toluene	2.11	0.050	mg/kg	2.00		106	88.7-121			
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	86.1-120			
m,p-Xylene	4.38	0.100	mg/kg	4.00		109	88.2-124			
o-Xylene	2.04	0.050	mg/kg	2.00		102	84.9-118			
Total Xylenes	6.41	0.150	mg/kg	6.00		107	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	71.5-134			
LCS Dup (3051607-BSD1)				Prepared &	Analyzed:	16-May-2	3			
Benzene	2.13	0.050	mg/kg	2.00		106	81.4-118	3.85	15.8	
Toluene	2.20	0.050	mg/kg	2.00		110	88.7-121	4.17	15.9	
Ethylbenzene	2.15	0.050	mg/kg	2.00		107	86.1-120	3.03	16	
m,p-Xylene	4.55	0.100	mg/kg	4.00		114	88.2-124	3.92	16.2	
o-Xylene	2.15	0.050	mg/kg	2.00		107	84.9-118	5.34	16.7	
Total Xylenes	6.70	0.150	mg/kg	6.00		112	87.3-122	4.37	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	71.5-134			

## Batch 3051608 - Volatiles

Blank (3051608-BLK1)			Pı	repared & Analy	zed: 16-May-2	3	
Benzene	ND	0.050	mg/kg				U
Toluene	ND	0.050	mg/kg				U
Ethylbenzene	ND	0.050	mg/kg				U
Total Xylenes	ND	0.150	mg/kg				U
Total BTEX	ND	0.300	mg/kg				U
Surrogate: 4-Bromofluorobenzene (PID)	0.0533		mg/kg	0.0500	107	71.5-134	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



%REC

Limits

RPD

## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110

Project: M-4 RELEASE Project Number: 12608422

Reported: 18-May-23 13:16

RPD

Limit

Notes

Fax To:

Reporting

Limit

Result

Project Manager: NATE REECE

Spike

Level

Source

Result

%REC

## Volatile Organic Compounds by EPA Method 8021 - Quality Control

### **Cardinal Laboratories**

Units

· mary to	resur	2	Omes	20.01	resure	, or the	Ziiiiio	1012	Ziiiii	110105
Batch 3051608 - Volatiles										
LCS (3051608-BS1)				Prepared &	Analyzed:	16-May-2	23			
Benzene	2.28	0.050	mg/kg	2.00		114	81.4-118			
Toluene	2.34	0.050	mg/kg	2.00		117	88.7-121			
Ethylbenzene	2.47	0.050	mg/kg	2.00		123	86.1-120			BS-3
m,p-Xylene	4.92	0.100	mg/kg	4.00		123	88.2-124			
o-Xylene	2.38	0.050	mg/kg	2.00		119	84.9-118			BS-3
Total Xylenes	7.30	0.150	mg/kg	6.00		122	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0524		mg/kg	0.0500		105	71.5-134			
LCS Dup (3051608-BSD1)				Prepared &	Analyzed:	16-May-2	23			
Benzene	2.20	0.050	mg/kg	2.00		110	81.4-118	3.60	15.8	
Toluene	2.25	0.050	mg/kg	2.00		112	88.7-121	4.15	15.9	
Ethylbenzene	2.36	0.050	mg/kg	2.00		118	86.1-120	4.48	16	
m,p-Xylene	4.70	0.100	mg/kg	4.00		118	88.2-124	4.56	16.2	
o-Xylene	2.27	0.050	mg/kg	2.00		114	84.9-118	4.71	16.7	
Total Xylenes	6.97	0.150	mg/kg	6.00		116	87.3-122	4.61	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0499		mg/kg	0.0500		99.8	71.5-134			U

### Batch 3051609 - Volatiles

Analyte

Blank (3051609-BLK1)				Prepared & Anal	yzed: 16-May-2	3	
Benzene	ND	0.050	mg/kg				U
Toluene	ND	0.050	mg/kg				U
Ethylbenzene	ND	0.050	mg/kg				U
Total Xylenes	ND	0.150	mg/kg				U
Total BTEX	ND	0.300	mg/kg				U
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500	103	71.5-134	

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110

Project: M-4 RELEASE Project Number: 12608422 Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## 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 3051609 - Volatiles										
LCS (3051609-BS1)				Prepared &	k Analyzed:	16-May-2	3			
Benzene	2.38	0.050	mg/kg	2.00		119	81.4-118			BS-3
Toluene	2.37	0.050	mg/kg	2.00		119	88.7-121			
Ethylbenzene	2.31	0.050	mg/kg	2.00		115	86.1-120			
m,p-Xylene	4.73	0.100	mg/kg	4.00		118	88.2-124			
o-Xylene	2.28	0.050	mg/kg	2.00		114	84.9-118			
Total Xylenes	7.01	0.150	mg/kg	6.00		117	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0495		mg/kg	0.0500		99.0	71.5-134			U
LCS Dup (3051609-BSD1)				Prepared &	k Analyzed:	16-May-2	3			
Benzene	2.24	0.050	mg/kg	2.00		112	81.4-118	6.10	15.8	
Toluene	2.23	0.050	mg/kg	2.00		111	88.7-121	6.29	15.9	
Ethylbenzene	2.18	0.050	mg/kg	2.00		109	86.1-120	5.91	16	
m,p-Xylene	4.48	0.100	mg/kg	4.00		112	88.2-124	5.46	16.2	
o-Xylene	2.18	0.050	mg/kg	2.00		109	84.9-118	4.47	16.7	
Total Xylenes	6.66	0.150	mg/kg	6.00		111	87.3-122	5.14	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0497		mg/kg	0.0500		99.5	71.5-134			U

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## 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 3051539 - General Prep - Organics										
Blank (3051539-BLK1)				Prepared:	15-May-23	Analyzed:	16-May-23			
GRO C6-C10	ND	10.0	mg/kg	Tropulou		11101/2001	10 1114) 20			J
DRO >C10-C28	ND	10.0	mg/kg							Ţ
EXT DRO >C28-C36	ND	10.0	mg/kg							Ţ
Surrogate: 1-Chlorooctane	52.6		mg/kg	49.6		106	48.2-134			
Surrogate: 1-Chlorooctadecane	66.9		mg/kg	50.0		134	49.1-148			
LCS (3051539-BS1)				Prepared:	15-May-23	Analyzed:	16-May-23			
GRO C6-C10	183	10.0	mg/kg	200		91.7	78.5-124			
DRO >C10-C28	203	10.0	mg/kg	200		102	72.5-126			
Total TPH C6-C28	387	10.0	mg/kg	400		96.7	77.6-123			
Surrogate: 1-Chlorooctane	56.0		mg/kg	49.6		113	48.2-134			
Surrogate: 1-Chlorooctadecane	66.9		mg/kg	50.0		134	49.1-148			
LCS Dup (3051539-BSD1)				Prepared:	15-May-23	Analyzed:	17-May-23			
GRO C6-C10	157	10.0	mg/kg	200		78.4	78.5-124	15.5	17.7	BS-3
DRO >C10-C28	176	10.0	mg/kg	200		88.0	72.5-126	14.4	21	
Total TPH C6-C28	333	10.0	mg/kg	400		83.2	77.6-123	14.9	18.5	
Surrogate: 1-Chlorooctane	46.6		mg/kg	49.6		94.0	48.2-134			
Surrogate: 1-Chlorooctadecane	57.0		mg/kg	50.0		114	49.1-148			
Batch 3051540 - General Prep - Organics										
Blank (3051540-BLK1)				Prepared:	15-May-23	Analyzed:	16-May-23			
GRO C6-C10	ND	10.0	mg/kg							Ţ
DRO >C10-C28	ND	10.0	mg/kg							Ţ
EXT DRO >C28-C36	ND	10.0	mg/kg							Ţ
Surrogate: 1-Chlorooctane	50.0		mg/kg	49.6		101	48.2-134			
Surrogate: 1-Chlorooctadecane	53.8		mg/kg	50.0		108	49.1-148			

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## 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
· ·	resur	Emm	Omts	Lever	resure	701626	Limits	МЪ	Limit	110105
Batch 3051540 - General Prep - Organics										
LCS (3051540-BS1)				Prepared:	15-May-23	Analyzed:	16-May-23			
GRO C6-C10	204	10.0	mg/kg	200		102	78.5-124			
DRO >C10-C28	196	10.0	mg/kg	200		97.9	72.5-126			
Total TPH C6-C28	399	10.0	mg/kg	400		99.9	77.6-123			
Surrogate: 1-Chlorooctane	53.9		mg/kg	49.6		109	48.2-134			
Surrogate: 1-Chlorooctadecane	55.8		mg/kg	50.0		112	49.1-148			
LCS Dup (3051540-BSD1)				Prepared:	15-May-23	Analyzed:	16-May-23			
GRO C6-C10	205	10.0	mg/kg	200		102	78.5-124	0.527	17.7	
DRO >C10-C28	180	10.0	mg/kg	200		90.2	72.5-126	8.19	21	
Total TPH C6-C28	385	10.0	mg/kg	400		96.3	77.6-123	3.65	18.5	
Surrogate: 1-Chlorooctane	55.1		mg/kg	49.6		111	48.2-134			
Surrogate: 1-Chlorooctadecane	56.4		mg/kg	50.0		113	49.1-148			
Batch 3051541 - General Prep - Organics										
Blank (3051541-BLK1)				Prepared:	15-May-23	Analyzed:	16-May-23			
GRO C6-C10	ND	10.0	mg/kg							1
DRO >C10-C28	ND	10.0	mg/kg							1
EXT DRO >C28-C36	ND	10.0	mg/kg							1
Surrogate: 1-Chlorooctane	57.1		mg/kg	49.6		115	48.2-134			
Surrogate: 1-Chlorooctadecane	64.6		mg/kg	50.0		129	49.1-148			
LCS (3051541-BS1)				Prepared:	15-May-23	Analyzed:	16-May-23			
GRO C6-C10	206	10.0	mg/kg	200		103	78.5-124			
DRO >C10-C28	195	10.0	mg/kg	200		97.5	72.5-126			
Total TPH C6-C28	401	10.0	mg/kg	400		100	77.6-123			
Surrogate: 1-Chlorooctane	61.6		mg/kg	49.6		124	48.2-134			
Surrogate: 1-Chlorooctadecane	67.1		mg/kg	50.0		134	49.1-148			

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## Analytical Results For:

GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110 Project: M-4 RELEASE
Project Number: 12608422
Project Manager: NATE REECE

Reported: 18-May-23 13:16

Fax To:

## Petroleum Hydrocarbons by GC FID - Quality Control

### **Cardinal Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3051541 - General Prep - Organics										
LCS Dup (3051541-BSD1)				Prepared:	15-May-23	Analyzed:	16-May-23			
GRO C6-C10	209	10.0	mg/kg	200		105	78.5-124	1.51	17.7	
DRO >C10-C28	196	10.0	mg/kg	200		98.0	72.5-126	0.519	21	
Total TPH C6-C28	405	10.0	mg/kg	400		101	77.6-123	1.03	18.5	
Surrogate: 1-Chlorooctane	62.6		mg/kg	49.6		126	48.2-134			
Surrogate: 1-Chlorooctadecane	67.4		mg/kg	50.0		135	49.1-148			
Batch 3051544 - General Prep - Organics										
Blank (3051544-BLK1)				Prepared:	15-May-23	Analyzed:	16-May-23			
GRO C6-C10	ND	10.0	mg/kg							Ţ
DRO >C10-C28	ND	10.0	mg/kg							Ţ
EXT DRO >C28-C36	ND	10.0	mg/kg							Ţ
Surrogate: 1-Chlorooctane	50.9		mg/kg	49.6		103	48.2-134			
Surrogate: 1-Chlorooctadecane	58.3		mg/kg	50.0		117	49.1-148			
LCS (3051544-BS1)				Prepared:	15-May-23	Analyzed:	16-May-23			
GRO C6-C10	220	10.0	mg/kg	200		110	78.5-124			
DRO >C10-C28	217	10.0	mg/kg	200		109	72.5-126			
Total TPH C6-C28	437	10.0	mg/kg	400		109	77.6-123			
Surrogate: 1-Chlorooctane	61.8		mg/kg	49.6		125	48.2-134			
Surrogate: 1-Chlorooctadecane	71.1		mg/kg	50.0		142	49.1-148			
LCS Dup (3051544-BSD1)				Prepared:	15-May-23	Analyzed:	16-May-23			
GRO C6-C10	212	10.0	mg/kg	200		106	78.5-124	3.67	17.7	
DRO >C10-C28	209	10.0	mg/kg	200		105	72.5-126	3.65	21	
Total TPH C6-C28	421	10.0	mg/kg	400		105	77.6-123	3.66	18.5	
Surrogate: 1-Chlorooctane	57.1		mg/kg	49.6		115	48.2-134			
Surrogate: 1-Chlorooctadecane	65.9		mg/kg	50.0		132	49.1-148			

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### **Notes and Definitions**

U	Analyte included in the analysis, but not detected
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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Page 81 of 86



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name		(	GHD								_					BILL	TO		_													
Project Manage	er:	1	Nate Reece / JT Mu	итеу					_		_	-	P.O.	#-		DILL	10		+	_					ANALY	SIS RE	QUE	ST				
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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company N			GHD													BILL TO								*****						
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Page 84 of 86



GHD

Company Name:

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Released to Imaging: 10/5/2023 8:12:16 AM

Received by OCD: 7/14/2023 11:42:14 AM

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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Released to Imaging: 10/5/2023 8:12:16 AM



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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† Cardinal cannot accept verbal changes. Please fax w	ritten changes to 575-393	3-2476						



June 15, 2023

**DEAN ERICSON** 

**ENERGY TRANSFER** 

P. O. BOX 1226

JAL, NM 88252

RE: M - 4

Enclosed are the results of analyses for samples received by the laboratory on 06/12/23 14:10.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

**ENERGY TRANSFER DEAN ERICSON** P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4 Project Number: 32.3824-103.203046

Project Location: **NEW MEXICO**  Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

#### Sample ID: BH - 1 A (H232999-01)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.15	108	2.00	2.73	
Toluene*	<0.050	0.050	06/14/2023	ND	2.22	111	2.00	3.65	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.68	111	6.00	3.26	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

**ENERGY TRANSFER DEAN ERICSON** P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

Project Location: **NEW MEXICO**  Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

#### Sample ID: BH - 7 A (H232999-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.15	108	2.00	2.73	
Toluene*	<0.050	0.050	06/14/2023	ND	2.22	111	2.00	3.65	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.68	111	6.00	3.26	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
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	06/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	158	78.8	200	26.6	
DRO >C10-C28*	15.9	10.0	06/13/2023	ND	166	83.2	200	24.2	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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\*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

**ENERGY TRANSFER DEAN ERICSON** P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

Project Location: **NEW MEXICO**  Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

#### Sample ID: BH - 11 A (H232999-03)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.15	108	2.00	2.73	
Toluene*	<0.050	0.050	06/14/2023	ND	2.22	111	2.00	3.65	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.68	111	6.00	3.26	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
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	06/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

Project Location: NEW MEXICO

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: BH - 13 A (H232999-04)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.15	108	2.00	2.73	
Toluene*	<0.050	0.050	06/14/2023	ND	2.22	111	2.00	3.65	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.68	111	6.00	3.26	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
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	06/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.3	% 49.1-14	8						

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Celey D. Kreine



#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

mg/kg

Project Location: NEW MEXICO

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: BH - 15 A (H232999-05)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.15	108	2.00	2.73	
Toluene*	<0.050	0.050	06/14/2023	ND	2.22	111	2.00	3.65	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.68	111	6.00	3.26	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

Analyzed By: MS

#### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

ma/ka

Project Location: NEW MEXICO

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: BH - 21 A (H232999-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.15	108	2.00	2.73	
Toluene*	<0.050	0.050	06/14/2023	ND	2.22	111	2.00	3.65	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.68	111	6.00	3.26	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

Analyzed By: MC

Cardinal Laboratories \*=Accredited Analyte

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Celeg & Frence



#### Analytical Results For:

**ENERGY TRANSFER DEAN ERICSON** P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

Project Location: **NEW MEXICO**  Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

#### Sample ID: BH - 23 A (H232999-07)

BTEX 8021B	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.27	114	2.00	2.70	QR-03
Toluene*	<0.050	0.050	06/14/2023	ND	2.25	112	2.00	2.98	QR-03
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	0.0716	QR-03
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.50	108	6.00	0.305	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

ma/ka

Project Location: NEW MEXICO

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: SW - 1 A (H232999-08)

RTFY 8021R

B1EX 8021B	mg/	ку	Allalyze	a By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.27	114	2.00	2.70	
Toluene*	<0.050	0.050	06/14/2023	ND	2.25	112	2.00	2.98	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	0.0716	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.50	108	6.00	0.305	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

Analyzed By: MC

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#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

ma/ka

Project Location: NEW MEXICO

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: SW - 2 A (H232999-09)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.27	114	2.00	2.70	
Toluene*	<0.050	0.050	06/14/2023	ND	2.25	112	2.00	2.98	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	0.0716	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.50	108	6.00	0.305	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
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	06/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0	% 49.1-14	8						

Analyzed By: MC

Cardinal Laboratories \*=Accredited Analyte

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#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

Project Location: NEW MEXICO

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 4 A (H232999-10)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.27	114	2.00	2.70	
Toluene*	<0.050	0.050	06/14/2023	ND	2.25	112	2.00	2.98	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	0.0716	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.50	108	6.00	0.305	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	31.1	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	10.5	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	18						

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Celey D. Keine



#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

Project Location: NEW MEXICO

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: SW - 7 A (H232999-11)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.27	114	2.00	2.70	
Toluene*	<0.050	0.050	06/14/2023	ND	2.25	112	2.00	2.98	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	0.0716	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.50	108	6.00	0.305	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/13/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	10.4	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	71.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 49.1-14	8						

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#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

Project Location: NEW MEXICO

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: SW - 8 A (H232999-12)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.27	114	2.00	2.70	
Toluene*	<0.050	0.050	06/14/2023	ND	2.25	112	2.00	2.98	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	0.0716	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.50	108	6.00	0.305	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

ma/ka

Project Location: NEW MEXICO

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: SW - 15 A (H232999-13)

RTFY 8021R

8021B	mg,	/ Kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
ene*	<0.050	0.050	06/14/2023	ND	2.27	114	2.00	2.70	
ne*	<0.050	0.050	06/14/2023	ND	2.25	112	2.00	2.98	
penzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	0.0716	
Xylenes*	<0.150	0.150	06/14/2023	ND	6.50	108	6.00	0.305	
BTEX	<0.300	0.300	06/14/2023	ND					
gate: 4-Bromofluorobenzene (PI	D 105	% 71.5-13	4						
ide, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
ride	32.0	16.0	06/13/2023	ND	432	108	400	3.64	
8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
>C10-C28*	<10.0	10.0	06/13/2023	ND	162	80.9	200	0.0568	
DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
gate: 1-Chlorooctane	85.4	% 48.2-13	4						
gate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

Analyzed By: MC

#### Cardinal Laboratories \*=Accredited Analyte

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#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

ma/ka

Project Location: NEW MEXICO

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: SW - 21 A (H232999-14)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.150 <0.300	0.050 0.050 0.050	Analyzed 06/14/2023 06/14/2023 06/14/2023	Method Blank ND ND	BS 2.27 2.25	% Recovery	True Value QC 2.00	RPD 2.70	Qualifier
<0.050 <0.050 <0.150	0.050 0.050	06/14/2023				2.00	2.70	
<0.050 <0.150	0.050		ND	2.25	440			
<0.150		06/14/2023			112	2.00	2.98	
	0.150	,,	ND	2.14	107	2.00	0.0716	
< 0.300	0.150	06/14/2023	ND	6.50	108	6.00	0.305	
	0.300	06/14/2023	ND					
104	% 71.5-13	4						
mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	06/13/2023	ND	432	108	400	3.64	
mg/kg		Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
<10.0	10.0	06/13/2023	ND	162	80.9	200	0.0568	
<10.0	10.0	06/13/2023	ND					
90.1	% 48.2-13	4						
	Result 48.0 mg  Result <10.0 <10.0	mg/kg           Result         Reporting Limit           48.0         16.0           mg/kg           Result         Reporting Limit           <10.0	mg/kg         Analyzed           Result         Reporting Limit         Analyzed           48.0         16.0         06/13/2023           mg/kg         Analyzed           Result         Reporting Limit         Analyzed           <10.0	mg/kg       Analyzed By: AC         Result       Reporting Limit       Analyzed       Method Blank         48.0       16.0       06/13/2023       ND         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank         <10.0	mg/kg       Analyzed By: AC         Result       Reporting Limit       Analyzed       Method Blank       BS         48.0       16.0       06/13/2023       ND       432         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS         <10.0	mg/kg         Analyzed By: AC           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           48.0         16.0         06/13/2023         ND         432         108           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           <10.0	mg/kg         Analyzed By: AC           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           48.0         16.0         06/13/2023         ND         432         108         400           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <10.0	mg/kg         Analyzed By: AC           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           48.0         16.0         06/13/2023         ND         432         108         400         3.64           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <10.0

Analyzed By: MC

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Celey D. Keene



#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

Project Location: NEW MEXICO

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: SW - 22 A (H232999-15)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.27	114	2.00	2.70	
Toluene*	<0.050	0.050	06/14/2023	ND	2.25	112	2.00	2.98	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	0.0716	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.50	108	6.00	0.305	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/13/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	32.3	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	73.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.7	% 49.1-14	18						

#### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

**ENERGY TRANSFER DEAN ERICSON** P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4

Project Number: 32.3824-103.203046

Project Location: **NEW MEXICO**  Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SW - 28 A (H232999-16)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.27	114	2.00	2.70	
Toluene*	<0.050	0.050	06/14/2023	ND	2.25	112	2.00	2.98	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	0.0716	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.50	108	6.00	0.305	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	Chloride, SM4500CI-B mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2023	ND	432	108	400	3.64	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	32.9	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received: 06/12/2023 Reported: 06/15/2023

Project Name: M - 4
Project Number: 32.3824-103.203046

Project Location: NEW MEXICO

ma/ka

Sampling Date: 06/12/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: SW - 29 A (H232999-17)

RTFY 8021R

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2023	ND	2.27	114	2.00	2.70	
Toluene*	<0.050	0.050	06/14/2023	ND	2.25	112	2.00	2.98	
Ethylbenzene*	<0.050	0.050	06/14/2023	ND	2.14	107	2.00	0.0716	
Total Xylenes*	<0.150	0.150	06/14/2023	ND	6.50	108	6.00	0.305	
Total BTEX	<0.300	0.300	06/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/13/2023	ND	432	108	400	3.64	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2023	ND	175	87.6	200	0.476	
DRO >C10-C28*	<10.0	10.0	06/13/2023	ND	162	80.9	200	0.0568	
EXT DRO >C28-C36	<10.0	10.0	06/13/2023	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.7	% 49.1-14	8						

Analyzed By: MC

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#### **Notes and Definitions**

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or 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

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

QR-04

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  $6^{\circ}\text{C}$ 

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

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

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	ETC ETC									B	IL	L TO						ANA	LYS	S R	EQUE	ST			
Project Manage	er: Dean Ecicson							P.	O. #	t				Г			-	•	T	T		T	-		
Address:								· Co	omp	any:				1											
City:	State:	Zip	):					At	tn:					1											
Phone #:	Fax #:							1	ddre	ss:															
Project #:	Project Own	er:							ty:														- 1		
Project Name:	M-4								ate:		-	7im.													
								1				Zip:									-				
Sampler Name:	n: 32,3824 -103,203	940						1	none																
FOR LAB USE ONLY	Tyler B.	_			_	ÍATR	IY	Fa	X #:	ESERV	,T	SAM	PLING												- 1
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Lab I.D.	Sample I.D.		NER	WAT	ATE				ùί	7	l				TPH EXT	9									
*	,	AB O	ATA	S S	LEW		GE	2	BAS	SOC	ŀ			د	H	B 74				, .					- 1
H232999		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	TH.	CID/	ICE / COOL OTHER:	l	DATE	TIME	V	)=	8									
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6	BH-21A		П								ı		10:40/												1
<b>フ</b>	BH-23A										l		10.46 m									**	•		$\dashv$
8	SW-IA										l		10:55m												
9	SW - ZA												11:01A-												$\dashv$
10	SW-4A												11:094												$\exists$
LEASE NOTE: Liability an inalyses. All claims including	d Damages. Cardinal's liability and client's exclusive remedy for a g those for negligence and any other cause whatsoever shall be	any claim	arisin	g whet	ther ba	sed in co	ontract	or tort	, shall I	be limited t	to th	ne amount paid	by the client for the	he											

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidinries, affiliates or successors arising out of or related to the performance of sources because the control of the performance of sources because of the performance of sources because the control of the performance of sources because the performance of the perfo

armitates or successors arising out or or related to the periorin		ardinal, regardless of whether such claim is based upon any of the above s	ated reasons or our armise.
Relinquished By:	Date:	Received By:	Verbai Pesult: ☐ Yes ☐ No Add'l Phone #:
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	2:10PM	Mulaka Kilala	
Relinquished By:	Date:	Comment of the control of	7
Reilliquisileu by.	Date:	Received By:	REMARKS:
	Time:		
	Time.		NM
Delivered By: (Circle One)	Observed Temp. °C	// Sample Condition CHECKED BY	
		Cool Intact (Initials)	Dacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C		Thermometer ID #113
	Corrected Temp. °C	Was I No I No	Correction Factor, 0.6°C
FUNIVI-000 K 3.3 07/16/22			No Corrected Temp. °C

<sup>†</sup> Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: ETC	19.00	BILL TO			ΔΝΔΙ VS	S REQU	ECT	
Project Manager: Dean Ericsow	P.O. #:				ANALIS	3 KEQU	<u> </u>	
Address:	Company	r:	1			-		
City: State: Zip:	Attn:				-			
Phone #: Fax #:	Address		1					
Project #: Project Owner:	City:							
Project Name: M - 4			1					
Project Location: 32.3824 -103. 203046	State:	Zip:						1
	Phone #:		1					
Sampler Name: Tyl. B.	Fax #:  MATRIX PRESE	RV. SAMPLING	1	- 1				
Lab I.D. Sample I.D.    1/232999	GROUNDWATER WASTEWATER WASTEWATER OIL OIL SLUDGE OTHER: ACID/BASE:	DATE TIME  4 (12/23 11:20m  11:36 Am  (1:45 Am  (1:52 Am  12:10 pm	CL CL	1 3Ter				
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arisin analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waive service. In no event shall cardinal be liable for incidental or consequental damages, including without limits affiliates a processors arising out of or related to the performance of services hereunder by Cardinal, regan Relinquished By:    Date:	d unless made in writing and received by Cardi tion, business interruptions, loses of use, or loss fless of whether such cla. It based upon any red By:	all within 30 days after completion of the of profits incurred by client, its subsidiarie of the above stated reasons or otherwise All Results  REMARKS:	e applicable es, es, est sult:  Yes are emailed. P	□ No A lease provid	dd'l Phone a	ess		
Delivered By: (Circle One)  Sampler - UPS - Bus - Other:  Corrected Temp. °C  Corrected Temp. °C		CKED BY: Turnaround nitials) Thermometer Correction Fa	ID #113	andard [.ush	☐ Cool II	ntact Ob ☐ Yes	pple Condition eserved Temp. °C	

# Attachment C Photographic Log



View of excavation facing west.



View of excavation facing east.



Site Photograph
ETCTP M-4 Release Site.

GHD | Report for ETCTP | 12608422



View of western end of excavation facing northwest.



View of western end of excavation facing northeast.



Site Photograph
ETCTP M-4 Release Site.

GHD | Report for ETCTP | 12608422



Aerial view of excavation facing east.



Aerial view of excavation facing north.



Site Photograph
ETCTP M-4 Release Site.

GHD | Report for ETCTP | 12608422

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 240406

#### **CONDITIONS**

Operator:	OGRID:
ETC Texas Pipeline, Ltd.	371183
8111 Westchester Drive	Action Number:
Dallas, TX 75225	240406
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By		Condition Date
nvelez	None	10/5/2023