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	nAPP2202535253
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Robert Asher	Contact Telephone 575-748-4217
Contact email bob_asher@eogresources.com	Incident # *nAPP2202535253*
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 33.39837 Longitude -103.63657
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Raitt BID State #1	Site Type: Battery
Date Release Discovered: 1/12/2022	API# 30-025-37982

Unit Letter	Section	Township	Range	County
P	35	10S	32E	Lea

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls) 27	Volume Recovered (bbls) 5
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (Fresh Water)	Volume/Weight Released (bbls)	Volume/Weight Recovered (bbls)

Cause of Release:
4" load line valve frozen and separated causing release of 27 B/O. 5 B/O was recovered and 22 B/O entrained in gravel.
The battery is a lined and bermed containment.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? An unauthorized release of a volume, excluding gases, of 25 barrels or more.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Jim Griswold, Mike Bratcher & Rob Hamlet/NMOCD by email (1/13/2022).	

Initial Response

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

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Robert Asher Title: Environmental Supervisor

Signature: _____ Date: 1/25/2022

email: bob_asher@eogresources.com Telephone: 575-748-4217

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2202535253
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2202535253
District RP	
Facility ID	
Application ID	

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 04/08/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2202535253
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☑ Detailed description of proposed remediation technique
- ☑ Scaled sitemap with GPS coordinates showing delineation points
- ☑ Estimated volume of material to be remediated
- ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 04/08/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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

Our ref: 12575074

April 08, 2022

New Mexico Oil Conservation Division
District 1
1625 N. French Drive
Hobbs, New Mexico 88240

Re: Site Characterization and Remediation Work Plan
Raitt BID State #1 Release Site
EOG Resources Inc.
Incident ID: nAPP2202535253
P-35-10S-32E, Lea County, New Mexico

To Whom It May Concern:

1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Characterization and Remediation Work Plan to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of delineation, sampling, and analyses in the affected area at the EOG Raitt BID State #1 Release Site (Site). The Site is located in Unit Letter P Section 35 of Township 10 South and Range 32 East in Lea County, New Mexico. The GPS coordinates for the release site are 33.39837 N latitude and 103.63657 W longitude. The release occurred on land managed by the New Mexico State Land Office. Figure 1 depicts the Site location. The EOG production facility and other site details are depicted on Figure 2.

2. Background Information

A C-141 initial report for this release was submitted to the NMOCD on January 25, 2022. The C-141 stated that a load line valve froze and separated causing a release of twenty-seven (27) barrels, five (5) barrels were recovered, and the remaining twenty-two (22) barrels were trapped in the gravel of the lined facility.

The Release Notification, Site Assessment/Characterization and Remediation Plan portions of Form C-141 for Incident Number nAPP2202535253 are attached to the front of this report.

3. Groundwater and Site Characterization

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). The release falls under the jurisdiction of the NMOCD District 1 in Hobbs, New Mexico.

No receptors (karst potential areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. No water wells could be found within one half mile of the site. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is thought to be located within an area with an unknown depth to groundwaters and will be remediated to Table I closure criteria for depth to groundwater less than fifty (50) feet. The Site characterization documentation (Karst Potential, FEMA, Points of Diversion, Significant Watercourse, and Wetlands maps) are provided in Attachment A. The soil and Closure Criteria are listed below:

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
No Receptors Found	Unknown, treated as <50 ft

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

Constituent	Limits
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
TPH (GRO+DRO)	---
Benzene	10 mg/kg
BTEX	50 mg/kg
Notes: --- = not defined	

4. Initial Soil Delineation Assessment Summary and Findings

On February 2, 2022, GHD installed four (4) hand auger borings HA-1 through HA-4, within the suspected impacted area through holes that were observed in the liner and one (1) Background sample was collected. Soil samples were collected at a depth of six (6) inches below grade. All soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech Inc Laboratory (EIL) in Farmington, New Mexico. Analytical results indicated TPH and chloride concentrations above 100 mg/kg and 600 mg/kg, respectively, in all soil samples with the exception of the Background sample. HA-1 sample also indicated a BTEX concentration above 50 mg/kg. None of the samples exhibited benzene concentrations above Table I closure criteria.

To delineate the horizontal and vertical extents of the release, GHD and Standard Safety and Supply (SS) mobilized to the Site on March 15 and 16, 2022, after EOG had the tank battery decommissioned. GHD and SS installed six (6) test pits, TP1 through TP6, within the impacted area. Soil samples were collected at depths ranging from surface to six (6) ft below grade. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico. Analytical results indicated TPH concentrations above 100 mg/kg in all soil samples at depths ranging from surface to four (4) feet in test pits TP2, TP4, TP5 and TP6. Test pits TP1 and TP3 did not exhibit TPH concentration above Table I closure criteria. None of the samples exhibited benzene, BTEX, or chloride concentrations above Table I closure criteria.

Figure 2 depicts the locations of the initial delineation samples, analytical concentrations, and the proposed excavation area. Analytical results are provided on Table 1, Figure 2, and in the Laboratory Analytical Reports provided in Attachment B.

5. nAPP2202535253 Proposed Work Plan

GHD, on behalf of EOG, proposes to excavate soils containing Total TPH concentrations over 100 mg/kg in the affected area at the following depths:

- TP2, and TP4 excavate to six (6) inches to two (2) feet below grade or until concentrations are under Table I closure criteria.
- TP5 and TP6 to five (5) feet below grade or until concentrations are under Table I closure criteria.

Composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing areas no more than two hundred (200) square feet. Discrete soil samples will be collected from the sidewalls if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300.

Excavated soils will be transported to a NMOCD approved disposal facility for disposal. The anticipated volume of soil to be disposed of is approximately 450 cubic yards depending on the final dimensions of the excavation. The excavation will be backfilled with non-impacted soil transported to the site. The remediation will be performed within 90 days after the work plan has been approved. Once the work has been performed, a closure report will be prepared to document remediation activities and submitted to the NMOCD.

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

Sincerely,

GHD

Nate Reece
Environmental Scientist

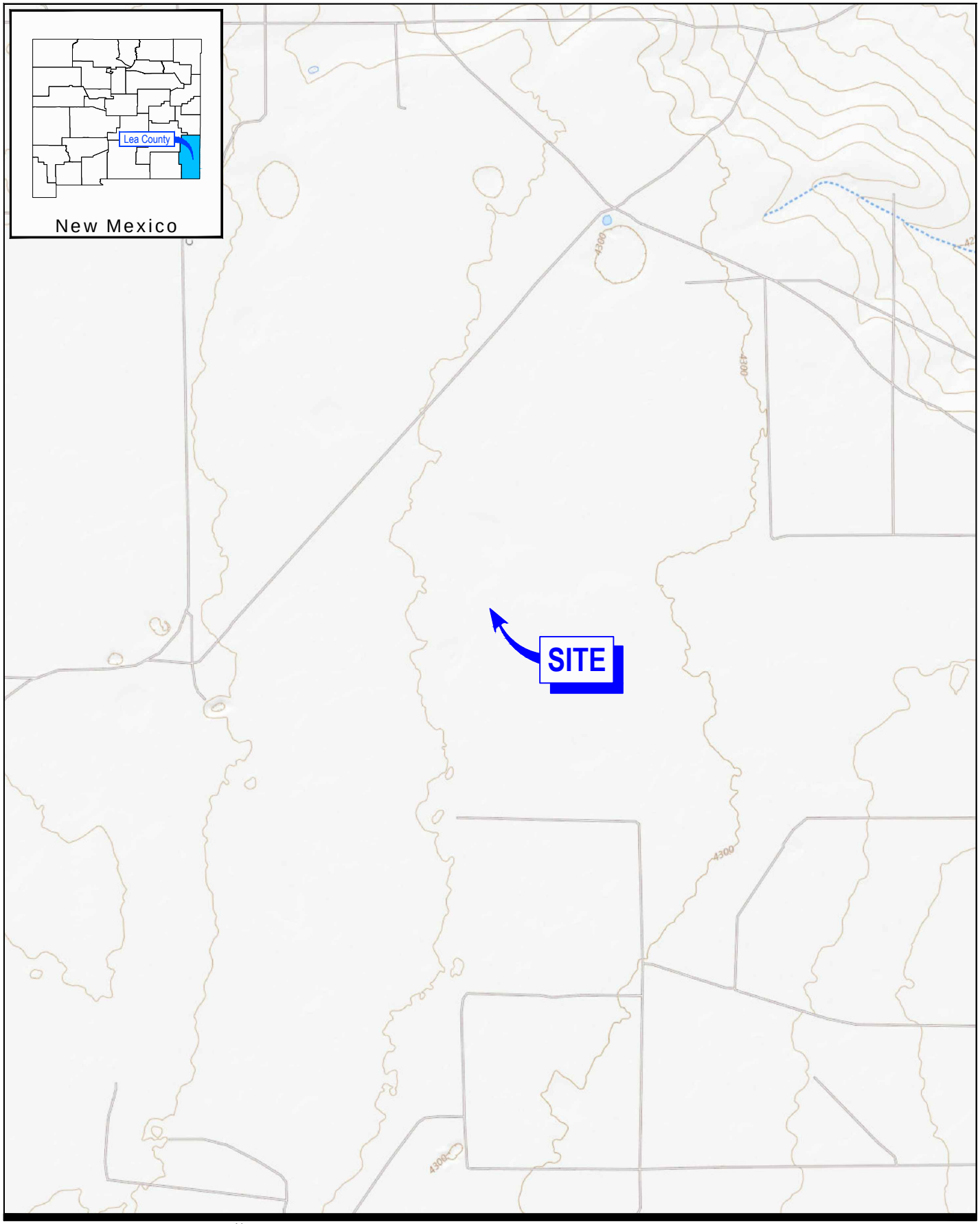
Becky Haskell
Senior Project Manager

NR/bh/1

Encl. Figure 1 – Site Location Map
Figure 2 – Site Assessment and Proposed Excavation Area
Table 1 – Summary of Soil Analytical Data
Attachment A – Site Characterization Documentation
Attachment B – Laboratory Analytical Reports and Chain-of-Custody Documentation

cc: Chase Settle

Figures



0 1000 2000 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

N

GHD

EOG RESOURCES
LEA COUNTY, NEW MEXICO
RAITT BID STATE #1

Project No. **12575074**
Date **March 2022**

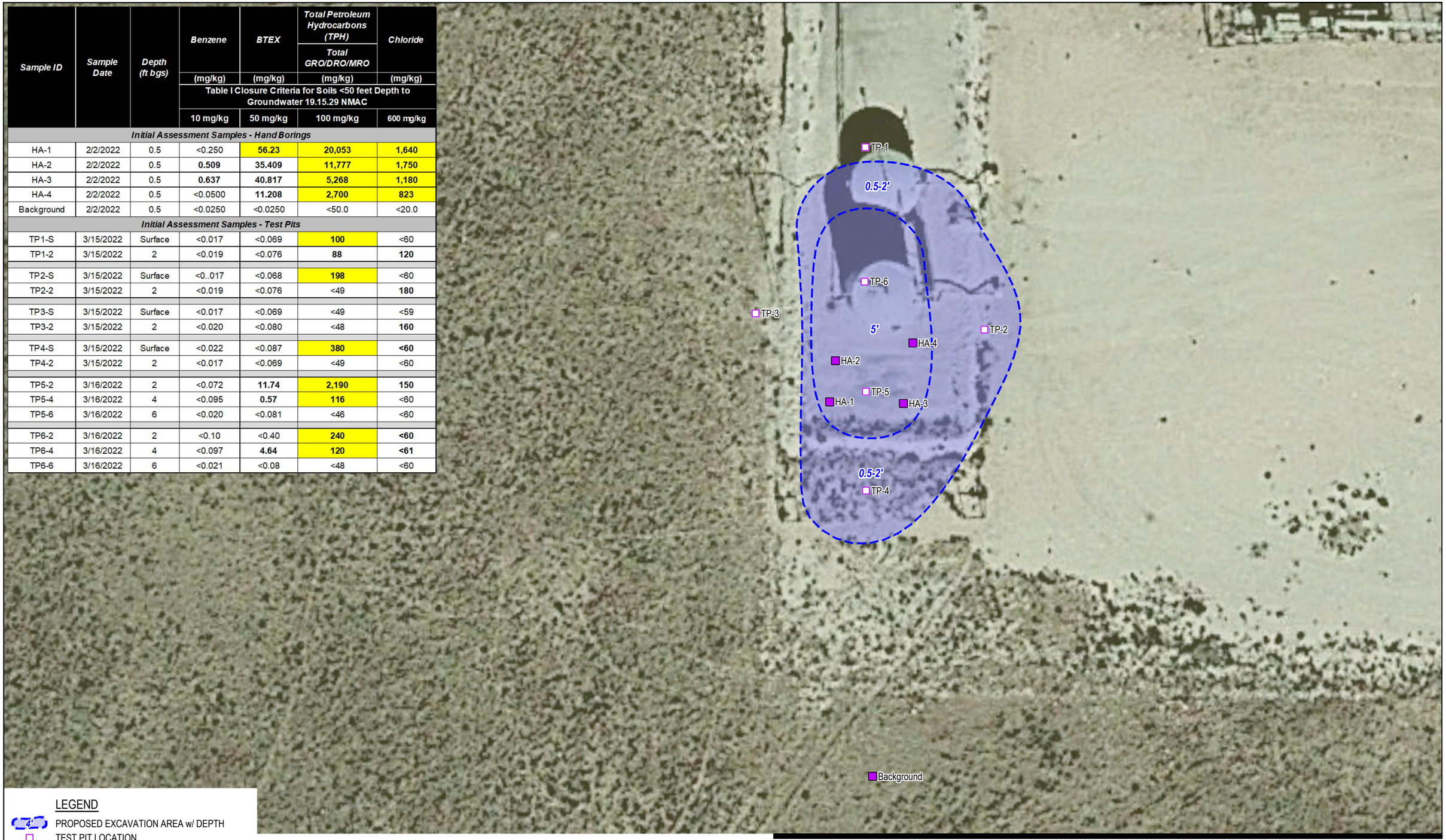
SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12575074\Digital_Design\ACAD\Figures\RPT001\12575074-GHD-0000-RPT-EN-0101_DL-001.dwg

Data Source: USGS 7.5 Minute Quad "Caprock and Lane Salt Lake, New Mexico"
Lat/Long: 33.398062° North, 103.637042° West

Sample ID	Sample Date	Depth (ft bgs)	Benzene	BTEX	Total Petroleum Hydrocarbons (TPH)	Chloride
					Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC			
			10 mg/kg	50 mg/kg	100 mg/kg	600 mg/kg
Initial Assessment Samples - Hand Borings						
HA-1	2/2/2022	0.5	<0.250	**56.23**	**20,053**	**1,640**
HA-2	2/2/2022	0.5	**0.509**	**35.409**	**11,777**	**1,750**
HA-3	2/2/2022	0.5	**0.637**	**40.817**	**5,268**	**1,180**
HA-4	2/2/2022	0.5	<0.0500	**11.208**	**2,700**	**823**
Background	2/2/2022	0.5	<0.0250	<0.0250	<50.0	<20.0
Initial Assessment Samples - Test Pits						
TP1-S	3/15/2022	Surface	<0.017	<0.069	**100**	<60
TP1-2	3/15/2022	2	<0.019	<0.076	**88**	**120**
TP2-S	3/15/2022	Surface	<0..017	<0.068	**198**	<60
TP2-2	3/15/2022	2	<0.019	<0.076	<49	**180**
TP3-S	3/15/2022	Surface	<0.017	<0.069	<49	<59
TP3-2	3/15/2022	2	<0.020	<0.080	<48	**160**
TP4-S	3/15/2022	Surface	<0.022	<0.087	**380**	**<60**
TP4-2	3/15/2022	2	<0.017	<0.069	<49	<60
TP5-2	3/16/2022	2	<0.072	**11.74**	**2,190**	**150**
TP5-4	3/16/2022	4	<0.095	**0.57**	**116**	<60
TP5-6	3/16/2022	6	<0.020	<0.081	<46	<60
TP6-2	3/16/2022	2	<0.10	<0.40	**240**	**<60**
TP6-4	3/16/2022	4	<0.097	**4.64**	**120**	**<61**
TP6-6	3/16/2022	6	<0.021	<0.08	<48	<60



LEGEND

- PROPOSED EXCAVATION AREA w/ DEPTH
- TEST PIT LOCATION
- HAND AUGER LOCATION
- DEPTH — DEPTH OF SAMPLE (FT)
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG)
- TPH — TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)

NOTES:

1. RESULTS IN MILLIGRAMS PER KILOGRAM (MG/KG).
2. SEE TABLE 1 FOR FULL ANALYTICAL RESULTS/DETAILS.
3. YELLOW SHADED CELLS INDICATE EXCEEDANCE.

0 10 20 ft

Coordinate System: NAD 1983 (2011) StatePlane- New Mexico East (US Feet)

N

GHD

EOG RESOURCES
LEA COUNTY, NEW MEXICO
RAITT BID STATE #1

SITE ASSESSMENT:
SOIL ANALYTICAL RESULTS MAP

Project No. **12575074**
Date **April 2022**

FIGURE 2

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12575074\Digital_Design\ACAD\Figures\RPT001\12575074-GHD-0000-RPT-EN-0101_DL-001.dwg
Plot Date: 07 April 2022 4:26 PM

Data Source: Image © 2022 Google - Imagery Date: January 19, 2018
Lat/Long: 33.398062° North, 103.637042° West

Tables

Table 1
Summary of Soil Analytical Data
Raitt BID State #1
EOG Resources
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Ethylbenzene	Toluene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
Initial Assessment Samples - Hand Borings												
HA-1	2/2/2022	0.5	<0.250	**1.71**	**4.42**	**50.1**	**56.23**	**413**	**17,900**	**1,740**	**20,053**	**1,640**
HA-2	2/2/2022	0.5	**0.509**	**1.86**	**5.54**	**27.5**	**35.409**	**217**	**10,500**	**1,060**	**11,777**	**1,750**
HA-3	2/2/2022	0.5	**0.637**	**2.16**	**8.22**	**29.8**	**40.817**	**290**	**4,530**	**448**	**5,268**	**1,180**
HA-4	2/2/2022	0.5	<0.0500	**1.03**	**0.728**	**9.45**	**11.208**	**104**	**2,330**	**266**	**2,700**	**823**
Background	2/2/2022	0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
Initial Assessment Samples - Test Pits												
TP1-S	3/15/2022	Surface	<0.017	<0.035	<0.035	<0.069	<0.069	<3.5	**100**	<47	**100**	<60
TP1-2	3/15/2022	2	<0.019	<0.038	<0.038	<0.076	<0.076	<3.8	**38**	**50**	**88**	**120**
TP2-S	3/15/2022	Surface	<0..017	<0.034	<0.034	<0.068	<0.068	<3.4	**130**	**68**	**198**	<60
TP2-2	3/15/2022	2	<0.019	<0.038	<0.038	<0.076	<0.076	<3.8	<9.8	<49	<49	**180**
TP3-S	3/15/2022	Surface	<0.017	<0.035	<0.035	<0.069	<0.069	<3.5	<9.8	<49	<49	<59
TP3-2	3/15/2022	2	<0.020	<0.040	<0.040	<0.080	<0.080	<4.0	<9.7	<48	<48	**160**
TP4-S	3/15/2022	Surface	<0.022	<0.043	<0.043	<0.087	<0.087	<4.3	**190**	**190**	**380**	**<60**
TP4-2	3/15/2022	2	<0.017	<0.035	<0.035	<0.069	<0.069	<3.5	<9.8	<49	<49	<60
TP5-2	3/16/2022	2	<0.072	**1.2**	**0.94**	**9.6**	**11.74**	**190**	**1500**	**500**	**2,190**	**150**
TP5-4	3/16/2022	4	<0.095	<0.19	<0.19	**0.57**	**0.57**	**19**	**97**	<49	**116**	<60
TP5-6	3/16/2022	6	<0.020	<0.041	<0.041	<0.081	<0.081	<4.1	<9.2	<46	<46	<60
TP6-2	3/16/2022	2	<0.10	<0.20	<0.20	<0.40	<0.40	<20	**190**	**50**	**240**	**<60**
TP6-4	3/16/2022	4	<0.097	**0.37**	**0.37**	**3.9**	**4.64**	**88**	**32**	<49	**120**	**<61**
TP6-6	3/16/2022	6	<0.021	<0.042	<0.042	<0.084	<0.08	<4.2	<9.7	<48	<48	<60

Notes:

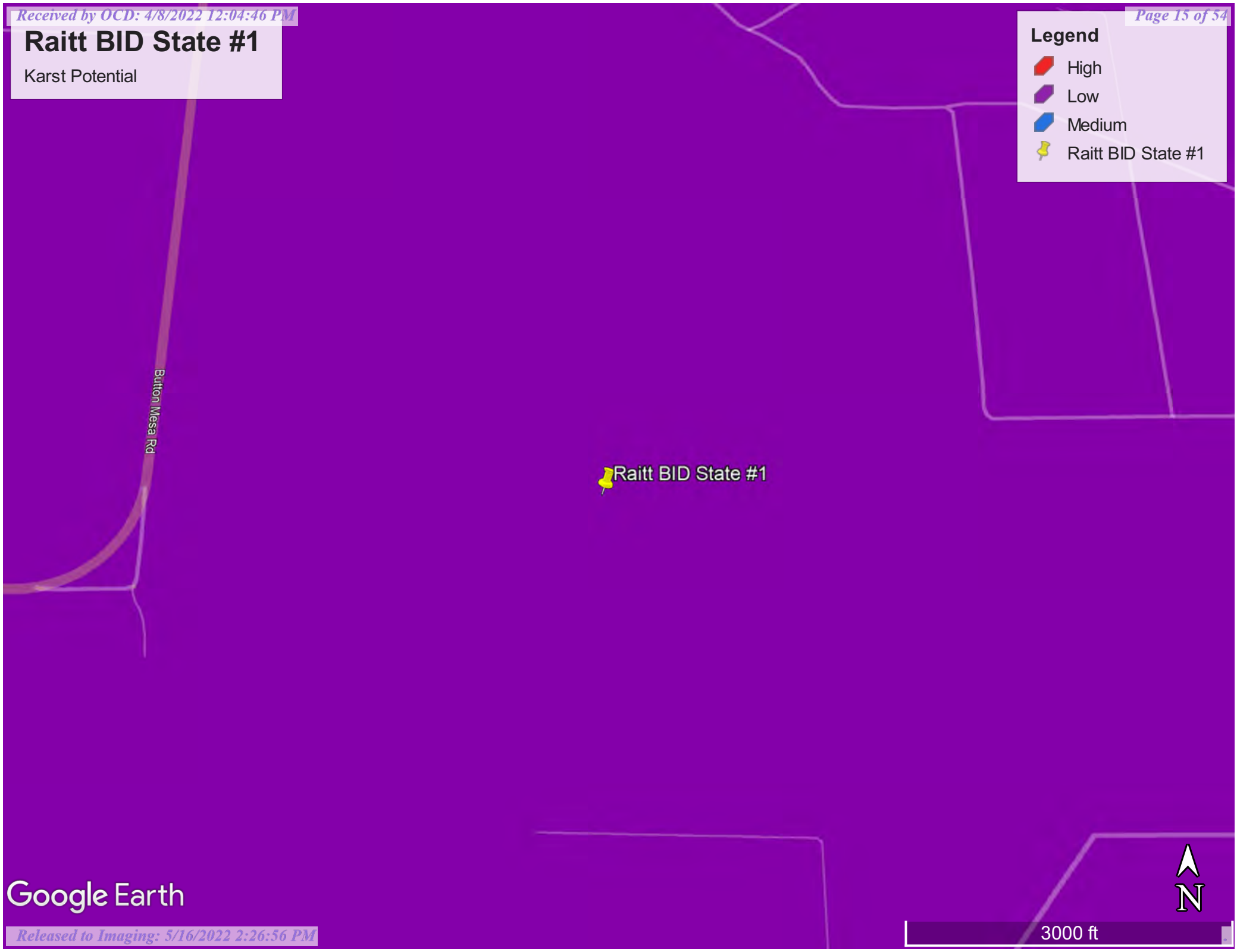
1. Values reported in mg/kg
2. < = Value Less than Reporting Limit (RL)
3. Bold Indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B.
5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
7. J - the target analytes was positively identified below the quantitation limit and above the detection limit.
8. Yellow shaded cells indicate analytical samples that exceed the NMOC 19.15.29.12 Table 1 for depth to groundwater <50 ft
9. --- = not defined

~~B-BH-2~~ Sample Point Excavated

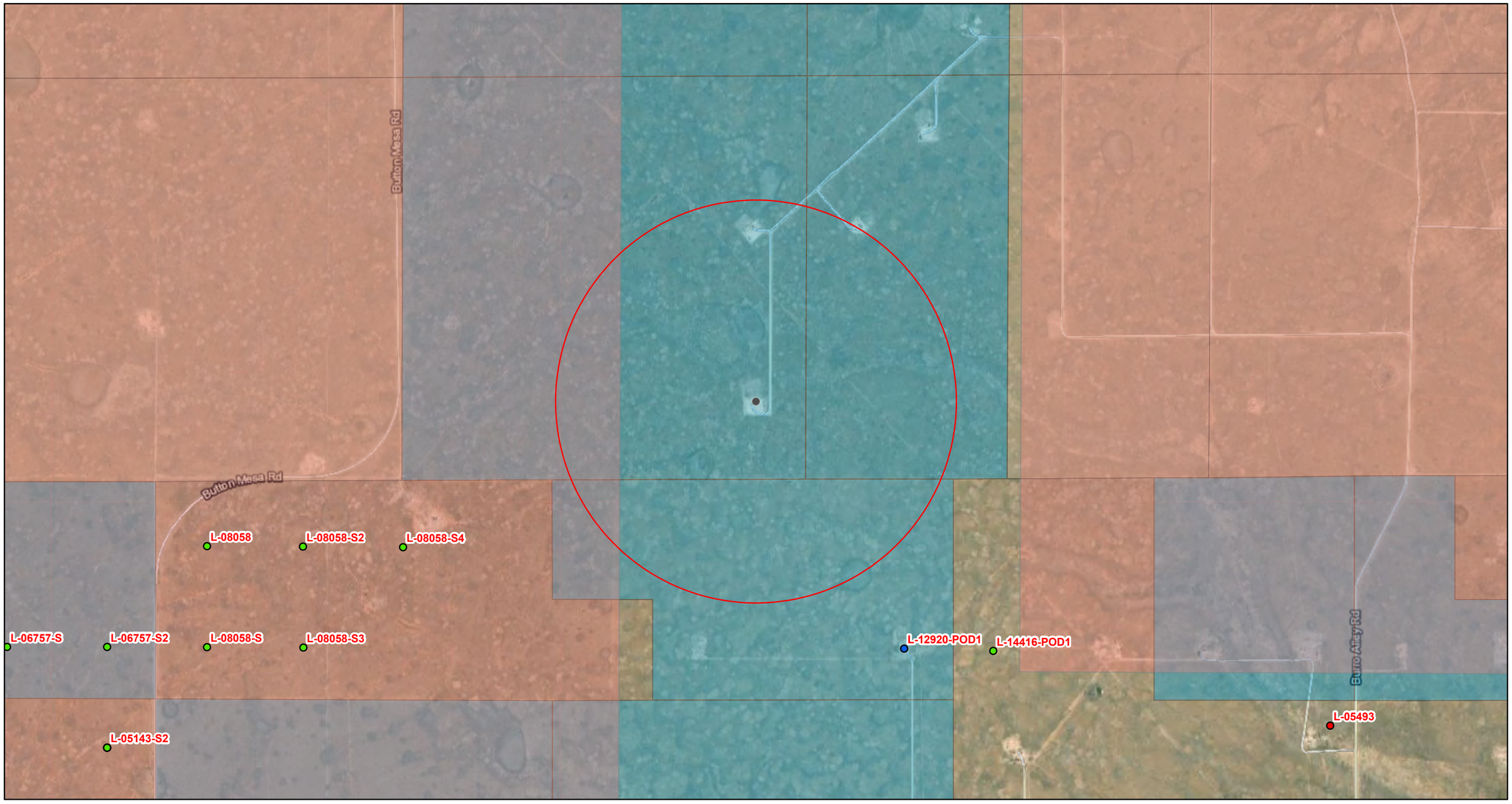
Attachment A
Site Characterization Documentation

Raitt BID State #1

Karst Potential



Raitt BID State #1



2/16/2022, 6:41:54 AM

GIS WATERS PODs
- Active
- Pending
- Plugged

OSE District Boundary

Water Right Regulations
- Critical Management Area - Guidelines

New Mexico State Trust Lands
- Subsurface Estate
- Both Estates
- SiteBoundaries

1:18,056

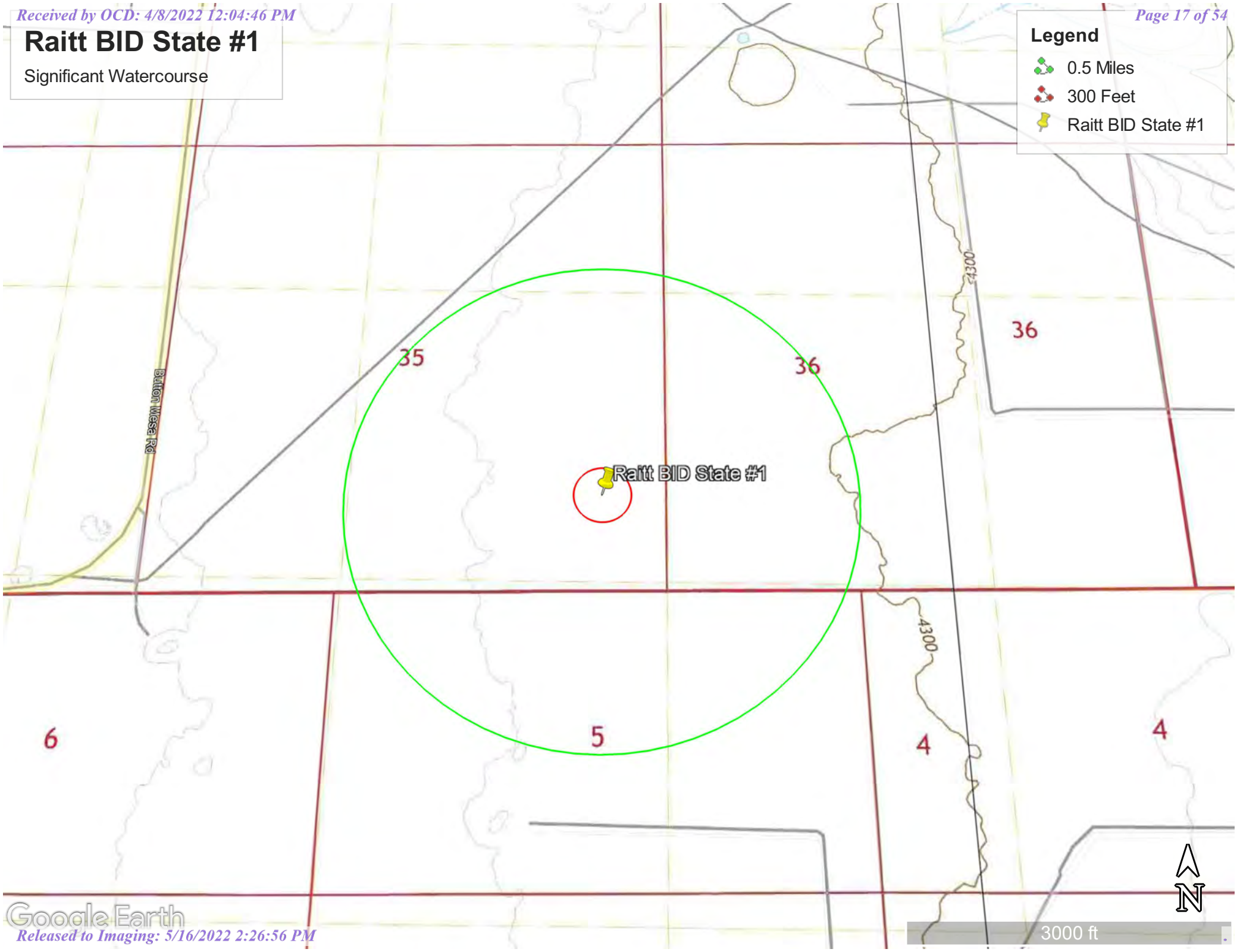
0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

Raitt BID State #1

Significant Watercourse



National Flood Hazard Layer FIRMette

FEMA

103°38'30"W 33°24'9"N

103°37'53"W 33°23'39"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/16/2022 at 7:57 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Raitt BID State #1

February 16, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

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

Report to:

Becky Haskell

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name:	Raitt BID State #1
Work Order:	E202014
Job Number:	19034-0001
Received:	2/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/9/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 2/9/22

Becky Haskell
6121 Indian School Rd. NE #200
Albuquerque, NM 87110

Project Name: Raitt BID State #1
Workorder: E202014
Date Received: 2/3/2022 11:45:00AM

Becky Haskell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/3/2022 11:45:00AM, under the Project Name: Raitt BID State #1.

The analytical test results summarized in this report with the Project Name: Raitt BID State #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

GHD	Project Name:	Raitt BID State #1	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	02/09/22 16:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HA-1	E202014-01A	Soil	02/02/22	02/03/22	Glass Jar, 4 oz.
HA-2	E202014-02A	Soil	02/02/22	02/03/22	Glass Jar, 4 oz.
HA-3	E202014-03A	Soil	02/02/22	02/03/22	Glass Jar, 4 oz.
HA-4	E202014-04A	Soil	02/02/22	02/03/22	Glass Jar, 4 oz.
Background	E202014-05A	Soil	02/02/22	02/03/22	Glass Jar, 4 oz.

Sample Data

GHD	Project Name:	Raitt BID State #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Becky Haskell	2/9/2022 4:42:29PM

HA-1

E202014-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206034
Benzene	ND	0.250	10	02/03/22	02/04/22	
Ethylbenzene	**1.71**	0.250	10	02/03/22	02/04/22	
Toluene	**4.42**	0.250	10	02/03/22	02/04/22	
o-Xylene	**13.3**	0.250	10	02/03/22	02/04/22	
p,m-Xylene	**36.8**	0.500	10	02/03/22	02/04/22	
Total Xylenes	**50.1**	0.250	10	02/03/22	02/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*02/03/22*	*02/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206034
Gasoline Range Organics (C6-C10)	**413**	200	10	02/03/22	02/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*02/03/22*	*02/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2207020
Diesel Range Organics (C10-C28)	**17900**	250	10	02/08/22	02/09/22	
Oil Range Organics (C28-C36)	**1740**	500	10	02/08/22	02/09/22	
Surrogate: n-Nonane		*400 %*	*50-200*	*02/08/22*	*02/09/22*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**1640**	20.0	1	02/07/22	02/08/22	

Sample Data

GHD	Project Name:	Raitt BID State #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Becky Haskell	2/9/2022 4:42:29PM

HA-2

E202014-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206034
Benzene	**0.509**	0.250	10	02/03/22	02/04/22	
Ethylbenzene	**1.86**	0.250	10	02/03/22	02/04/22	
Toluene	**5.54**	0.250	10	02/03/22	02/04/22	
o-Xylene	**7.28**	0.250	10	02/03/22	02/04/22	
p,m-Xylene	**20.2**	0.500	10	02/03/22	02/04/22	
Total Xylenes	**27.5**	0.250	10	02/03/22	02/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*02/03/22*	*02/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206034
Gasoline Range Organics (C6-C10)	**217**	200	10	02/03/22	02/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*02/03/22*	*02/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2207020
Diesel Range Organics (C10-C28)	**10500**	250	10	02/08/22	02/09/22	
Oil Range Organics (C28-C36)	**1060**	500	10	02/08/22	02/09/22	
Surrogate: n-Nonane		*283 %*	*50-200*	*02/08/22*	*02/09/22*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**1750**	20.0	1	02/07/22	02/08/22	

Sample Data

GHD	Project Name:	Raitt BID State #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Becky Haskell	2/9/2022 4:42:29PM

HA-3

E202014-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206034
Benzene	**0.637**	0.250	10	02/03/22	02/04/22	
Ethylbenzene	**2.16**	0.250	10	02/03/22	02/04/22	
Toluene	**8.22**	0.250	10	02/03/22	02/04/22	
o-Xylene	**6.91**	0.250	10	02/03/22	02/04/22	
p,m-Xylene	**22.9**	0.500	10	02/03/22	02/04/22	
Total Xylenes	**29.8**	0.250	10	02/03/22	02/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*02/03/22*	*02/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206034
Gasoline Range Organics (C6-C10)	**290**	200	10	02/03/22	02/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*02/03/22*	*02/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2207020
Diesel Range Organics (C10-C28)	**4530**	125	5	02/08/22	02/09/22	
Oil Range Organics (C28-C36)	**448**	250	5	02/08/22	02/09/22	
Surrogate: n-Nonane		*202 %*	*50-200*	*02/08/22*	*02/09/22*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**1180**	20.0	1	02/07/22	02/08/22	

Sample Data

GHD	Project Name:	Raitt BID State #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Becky Haskell	2/9/2022 4:42:29PM

HA-4

E202014-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206034
Benzene	ND	0.0500	2	02/03/22	02/08/22	
Ethylbenzene	**1.03**	0.0500	2	02/03/22	02/08/22	
Toluene	**0.728**	0.0500	2	02/03/22	02/08/22	
o-Xylene	**2.65**	0.0500	2	02/03/22	02/08/22	
p,m-Xylene	**6.80**	0.100	2	02/03/22	02/08/22	
Total Xylenes	**9.45**	0.0500	2	02/03/22	02/08/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*02/03/22*	*02/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206034
Gasoline Range Organics (C6-C10)	**104**	40.0	2	02/03/22	02/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*02/03/22*	*02/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2207020
Diesel Range Organics (C10-C28)	**2330**	25.0	1	02/08/22	02/09/22	
Oil Range Organics (C28-C36)	**266**	50.0	1	02/08/22	02/09/22	
Surrogate: n-Nonane		*124 %*	*50-200*	*02/08/22*	*02/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**823**	20.0	1	02/07/22	02/08/22	

Sample Data

GHD	Project Name:	Raitt BID State #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Becky Haskell	2/9/2022 4:42:29PM

Background

E202014-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206034
Benzene	ND	0.0250	1	02/03/22	02/04/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/04/22	
Toluene	ND	0.0250	1	02/03/22	02/04/22	
o-Xylene	ND	0.0250	1	02/03/22	02/04/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/04/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*02/03/22*	*02/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.8 %*	*70-130*	*02/03/22*	*02/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2207020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/08/22	02/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/08/22	02/09/22	
Surrogate: n-Nonane		*98.7 %*	*50-200*	*02/08/22*	*02/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	ND	20.0	1	02/07/22	02/08/22	

QC Summary Data

GHD	Project Name:	Raitt BID State #1	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	2/9/2022 4:42:29PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2206034-BLK1)									Prepared: 02/03/22 Analyzed: 02/04/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.64*		*8.00*		*95.5*	*70-130*			
LCS (2206034-BS1)									Prepared: 02/03/22 Analyzed: 02/04/22
Benzene	4.07	0.0250	5.00		81.5	70-130			
Ethylbenzene	4.14	0.0250	5.00		82.7	70-130			
Toluene	4.24	0.0250	5.00		84.8	70-130			
o-Xylene	4.21	0.0250	5.00		84.3	70-130			
p,m-Xylene	8.42	0.0500	10.0		84.2	70-130			
Total Xylenes	12.6	0.0250	15.0		84.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*98.0*	*70-130*			
Matrix Spike (2206034-MS1)				**Source: E202013-02**					Prepared: 02/03/22 Analyzed: 02/04/22
Benzene	4.21	0.0250	5.00	ND	84.2	54-133			
Ethylbenzene	4.30	0.0250	5.00	ND	85.9	61-133			
Toluene	4.39	0.0250	5.00	ND	87.8	61-130			
o-Xylene	4.39	0.0250	5.00	ND	87.9	63-131			
p,m-Xylene	8.76	0.0500	10.0	ND	87.6	63-131			
Total Xylenes	13.2	0.0250	15.0	ND	87.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.86*		*8.00*		*98.2*	*70-130*			
Matrix Spike Dup (2206034-MSD1)				**Source: E202013-02**					Prepared: 02/03/22 Analyzed: 02/04/22
Benzene	4.18	0.0250	5.00	ND	83.6	54-133	0.733	20	
Ethylbenzene	4.26	0.0250	5.00	ND	85.3	61-133	0.760	20	
Toluene	4.36	0.0250	5.00	ND	87.2	61-130	0.727	20	
o-Xylene	4.36	0.0250	5.00	ND	87.2	63-131	0.762	20	
p,m-Xylene	8.68	0.0500	10.0	ND	86.8	63-131	0.884	20	
Total Xylenes	13.0	0.0250	15.0	ND	86.9	63-131	0.843	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.94*		*8.00*		*99.2*	*70-130*			

QC Summary Data

GHD	Project Name:	Raitt BID State #1	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	2/9/2022 4:42:29PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2206034-BLK1)									Prepared: 02/03/22 Analyzed: 02/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.04*		*8.00*		*100*	*70-130*			
LCS (2206034-BS2)									Prepared: 02/03/22 Analyzed: 02/04/22
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0		84.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.09*		*8.00*		*101*	*70-130*			
Matrix Spike (2206034-MS2)				**Source: E202013-02**					Prepared: 02/03/22 Analyzed: 02/04/22
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.06*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2206034-MSD2)				**Source: E202013-02**					Prepared: 02/03/22 Analyzed: 02/04/22
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.8	70-130	0.0885	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.04*		*8.00*		*101*	*70-130*			

QC Summary Data

GHD	Project Name:	Raitt BID State #1	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	2/9/2022 4:42:29PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2207020-BLK1)									Prepared: 02/08/22 Analyzed: 02/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*41.6*		*50.0*		*83.3*	*50-200*			
LCS (2207020-BS1)									Prepared: 02/08/22 Analyzed: 02/08/22
Diesel Range Organics (C10-C28)	577	25.0	500		115	38-132			
Surrogate: n-Nonane	*37.0*		*50.0*		*74.1*	*50-200*			
Matrix Spike (2207020-MS1)				**Source: E202035-06**					Prepared: 02/08/22 Analyzed: 02/08/22
Diesel Range Organics (C10-C28)	486	25.0	500	ND	97.2	38-132			
Surrogate: n-Nonane	*38.5*		*50.0*		*77.0*	*50-200*			
Matrix Spike Dup (2207020-MSD1)				**Source: E202035-06**					Prepared: 02/08/22 Analyzed: 02/08/22
Diesel Range Organics (C10-C28)	495	25.0	500	ND	99.1	38-132	1.96	20	
Surrogate: n-Nonane	*40.4*		*50.0*		*80.8*	*50-200*			

QC Summary Data

GHD	Project Name:	Raitt BID State #1	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Becky Haskell	2/9/2022 4:42:29PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2207005-BLK1)									Prepared: 02/07/22 Analyzed: 02/08/22
Chloride	ND	20.0							
LCS (2207005-BS1)									Prepared: 02/07/22 Analyzed: 02/08/22
Chloride	243	20.0	250		97.2	90-110			
Matrix Spike (2207005-MS1)				**Source: E202004-02**					Prepared: 02/07/22 Analyzed: 02/08/22
Chloride	576	20.0	250	363	85.2	80-120			
Matrix Spike Dup (2207005-MSD1)				**Source: E202004-02**					Prepared: 02/07/22 Analyzed: 02/08/22
Chloride	581	20.0	250	363	87.0	80-120	0.762	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

GHD	Project Name:	Raitt BID State #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Becky Haskell	02/09/22 16:42

S5	Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Client: GHD
Project: Reith BID State #1
Sampler: Zach Cornish
Phone: (505) 327-4218
Email(s): Zach.Cornish@GHD.com / Becky.Haskell@GHD.com / Matt.Laughlin@GHD.com
Project Manager: Becky Haskell

RUSH? ☐ 1d ☐ 3d (Standard)

Lab Use Only
Lab WO#
PE202014
Job Number
90340001

Page 1 of 1

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015 & MRO	BTEX by 8021	TPH by 418.1	Chloride by 300.0						Lab Number	Correct Cont/Prsrv (s) Y/N
HA-1	02022022	0935	S		2	X		X						1	
HA-2		0950												2	
HA-3		1010												3	
HA-4		1035												4	
Background		1055												5	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Zach Cornish	02022022	1400		2.2.22	1530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2.2.22	1700	Caitlin Christian	2/3/22	11:45

Lab Use Only
**Received on Ice (Y) / N
T1____ T2____ T3____
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA
**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:
Direct Bill to Bob Asher (EOG)

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 2/3/2022 12:36:27PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	02/03/22 11:45	Work Order ID:	E202014
Phone:	(505) 884-0672	Date Logged In:	02/03/22 08:14	Logged In By:	Caitlin Christian
Email:	becky.haskell@ghd.com	Due Date:	02/09/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

March 21, 2022

Tom Larson
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Raitt BID State 1 OrderNo.: 2203917

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 8 sample(s) on 3/17/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2203917**
Date Reported: **3/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP1-2
Project: Raitt BID State 1
Collection Date: 3/15/2022 8:00:00 AM
Lab ID: 2203917-001 **Matrix:** SOIL **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	120	60		mg/Kg	20	3/17/2022 7:20:56 PM	66250
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	38	9.6		mg/Kg	1	3/17/2022 1:05:17 PM	66228
Motor Oil Range Organics (MRO)	50	48		mg/Kg	1	3/17/2022 1:05:17 PM	66228
Surr: DNOP	93.3	51.1-141		%Rec	1	3/17/2022 1:05:17 PM	66228
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	3/17/2022 11:34:45 AM	G86557
Surr: BFB	104	70-130		%Rec	1	3/17/2022 11:34:45 AM	G86557
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Methyl tert-butyl ether (MTBE)	ND	0.076		mg/Kg	1	3/17/2022 11:34:45 AM	B86557
Benzene	ND	0.019		mg/Kg	1	3/17/2022 11:34:45 AM	B86557
Toluene	ND	0.038		mg/Kg	1	3/17/2022 11:34:45 AM	B86557
Ethylbenzene	ND	0.038		mg/Kg	1	3/17/2022 11:34:45 AM	B86557
Xylenes, Total	ND	0.076		mg/Kg	1	3/17/2022 11:34:45 AM	B86557
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	3/17/2022 11:34:45 AM	B86557

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203917**
Date Reported: **3/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP1-S
Project: Raitt BID State 1
Collection Date: 3/15/2022 8:05:00 AM
Lab ID: 2203917-002 **Matrix:** SOIL **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	3/17/2022 7:58:09 PM	66250
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	100	9.3		mg/Kg	1	3/17/2022 1:37:06 PM	66228
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/17/2022 1:37:06 PM	66228
Surr: DNOP	89.6	51.1-141		%Rec	1	3/17/2022 1:37:06 PM	66228
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	3/17/2022 12:45:12 PM	G86557
Surr: BFB	104	70-130		%Rec	1	3/17/2022 12:45:12 PM	G86557
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Methyl tert-butyl ether (MTBE)	ND	0.069		mg/Kg	1	3/17/2022 12:45:12 PM	B86557
Benzene	ND	0.017		mg/Kg	1	3/17/2022 12:45:12 PM	B86557
Toluene	ND	0.035		mg/Kg	1	3/17/2022 12:45:12 PM	B86557
Ethylbenzene	ND	0.035		mg/Kg	1	3/17/2022 12:45:12 PM	B86557
Xylenes, Total	ND	0.069		mg/Kg	1	3/17/2022 12:45:12 PM	B86557
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	3/17/2022 12:45:12 PM	B86557

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203917**
Date Reported: **3/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP2-2
Project: Raitt BID State 1
Collection Date: 3/15/2022 8:15:00 AM
Lab ID: 2203917-003 **Matrix:** SOIL **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	180	60		mg/Kg	20	3/17/2022 8:10:33 PM	66250
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/17/2022 1:47:43 PM	66228
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/17/2022 1:47:43 PM	66228
Surr: DNOP	81.7	51.1-141		%Rec	1	3/17/2022 1:47:43 PM	66228
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	3/17/2022 1:56:14 PM	G86557
Surr: BFB	105	70-130		%Rec	1	3/17/2022 1:56:14 PM	G86557
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Methyl tert-butyl ether (MTBE)	ND	0.076		mg/Kg	1	3/17/2022 1:56:14 PM	B86557
Benzene	ND	0.019		mg/Kg	1	3/17/2022 1:56:14 PM	B86557
Toluene	ND	0.038		mg/Kg	1	3/17/2022 1:56:14 PM	B86557
Ethylbenzene	ND	0.038		mg/Kg	1	3/17/2022 1:56:14 PM	B86557
Xylenes, Total	ND	0.076		mg/Kg	1	3/17/2022 1:56:14 PM	B86557
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	1	3/17/2022 1:56:14 PM	B86557

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203917**
Date Reported: **3/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP2-S
Project: Raitt BID State 1
Collection Date: 3/15/2022 8:20:00 AM
Lab ID: 2203917-004 **Matrix:** SOIL **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	3/17/2022 8:22:57 PM	66250
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	130	9.9		mg/Kg	1	3/17/2022 1:58:19 PM	66228
Motor Oil Range Organics (MRO)	68	50		mg/Kg	1	3/17/2022 1:58:19 PM	66228
Surr: DNOP	107	51.1-141		%Rec	1	3/17/2022 1:58:19 PM	66228
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	3/17/2022 2:19:55 PM	G86557
Surr: BFB	103	70-130		%Rec	1	3/17/2022 2:19:55 PM	G86557
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Methyl tert-butyl ether (MTBE)	ND	0.068		mg/Kg	1	3/17/2022 2:19:55 PM	B86557
Benzene	ND	0.017		mg/Kg	1	3/17/2022 2:19:55 PM	B86557
Toluene	ND	0.034		mg/Kg	1	3/17/2022 2:19:55 PM	B86557
Ethylbenzene	ND	0.034		mg/Kg	1	3/17/2022 2:19:55 PM	B86557
Xylenes, Total	ND	0.068		mg/Kg	1	3/17/2022 2:19:55 PM	B86557
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	3/17/2022 2:19:55 PM	B86557

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203917**
Date Reported: **3/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP3-2
Project: Raitt BID State 1
Collection Date: 3/15/2022 8:45:00 AM
Lab ID: 2203917-005 **Matrix:** SOIL **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	160	60		mg/Kg	20	3/17/2022 8:35:21 PM	66250
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/17/2022 2:08:58 PM	66228
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/17/2022 2:08:58 PM	66228
Surr: DNOP	92.8	51.1-141		%Rec	1	3/17/2022 2:08:58 PM	66228
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	3/17/2022 2:43:32 PM	G86557
Surr: BFB	104	70-130		%Rec	1	3/17/2022 2:43:32 PM	G86557
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Methyl tert-butyl ether (MTBE)	ND	0.080		mg/Kg	1	3/17/2022 2:43:32 PM	B86557
Benzene	ND	0.020		mg/Kg	1	3/17/2022 2:43:32 PM	B86557
Toluene	ND	0.040		mg/Kg	1	3/17/2022 2:43:32 PM	B86557
Ethylbenzene	ND	0.040		mg/Kg	1	3/17/2022 2:43:32 PM	B86557
Xylenes, Total	ND	0.080		mg/Kg	1	3/17/2022 2:43:32 PM	B86557
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	3/17/2022 2:43:32 PM	B86557

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203917**
Date Reported: **3/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP3-S
Project: Raitt BID State 1
Collection Date: 3/15/2022 8:50:00 AM
Lab ID: 2203917-006 **Matrix:** SOIL **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	59		mg/Kg	20	3/17/2022 9:12:35 PM	66250
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/17/2022 2:19:37 PM	66228
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/17/2022 2:19:37 PM	66228
Surr: DNOP	88.8	51.1-141		%Rec	1	3/17/2022 2:19:37 PM	66228
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	3/17/2022 3:07:06 PM	G86557
Surr: BFB	103	70-130		%Rec	1	3/17/2022 3:07:06 PM	G86557
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Methyl tert-butyl ether (MTBE)	ND	0.069		mg/Kg	1	3/17/2022 3:07:06 PM	B86557
Benzene	ND	0.017		mg/Kg	1	3/17/2022 3:07:06 PM	B86557
Toluene	ND	0.035		mg/Kg	1	3/17/2022 3:07:06 PM	B86557
Ethylbenzene	ND	0.035		mg/Kg	1	3/17/2022 3:07:06 PM	B86557
Xylenes, Total	ND	0.069		mg/Kg	1	3/17/2022 3:07:06 PM	B86557
Surr: 4-Bromofluorobenzene	93.2	70-130		%Rec	1	3/17/2022 3:07:06 PM	B86557

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203917**
Date Reported: **3/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP4-2
Project: Raitt BID State 1
Collection Date: 3/15/2022 9:00:00 AM
Lab ID: 2203917-007 **Matrix:** SOIL **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	3/17/2022 9:24:59 PM	66250
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/17/2022 2:30:25 PM	66228
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/17/2022 2:30:25 PM	66228
Surr: DNOP	81.5	51.1-141		%Rec	1	3/17/2022 2:30:25 PM	66228
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	3/17/2022 3:30:46 PM	G86557
Surr: BFB	100	70-130		%Rec	1	3/17/2022 3:30:46 PM	G86557
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Methyl tert-butyl ether (MTBE)	ND	0.069		mg/Kg	1	3/17/2022 3:30:46 PM	B86557
Benzene	ND	0.017		mg/Kg	1	3/17/2022 3:30:46 PM	B86557
Toluene	ND	0.035		mg/Kg	1	3/17/2022 3:30:46 PM	B86557
Ethylbenzene	ND	0.035		mg/Kg	1	3/17/2022 3:30:46 PM	B86557
Xylenes, Total	ND	0.069		mg/Kg	1	3/17/2022 3:30:46 PM	B86557
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	3/17/2022 3:30:46 PM	B86557

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203917**
Date Reported: **3/21/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP4-S
Project: Raitt BID State 1
Collection Date: 3/15/2022 9:30:00 AM
Lab ID: 2203917-008 **Matrix:** SOIL **Received Date:** 3/17/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	3/17/2022 9:37:24 PM	66250
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	190	9.4		mg/Kg	1	3/18/2022 11:21:17 AM	66228
Motor Oil Range Organics (MRO)	190	47		mg/Kg	1	3/18/2022 11:21:17 AM	66228
Surr: DNOP	106	51.1-141		%Rec	1	3/18/2022 11:21:17 AM	66228
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	3/17/2022 3:54:24 PM	G86557
Surr: BFB	106	70-130		%Rec	1	3/17/2022 3:54:24 PM	G86557
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Methyl tert-butyl ether (MTBE)	ND	0.087		mg/Kg	1	3/17/2022 3:54:24 PM	B86557
Benzene	ND	0.022		mg/Kg	1	3/17/2022 3:54:24 PM	B86557
Toluene	ND	0.043		mg/Kg	1	3/17/2022 3:54:24 PM	B86557
Ethylbenzene	ND	0.043		mg/Kg	1	3/17/2022 3:54:24 PM	B86557
Xylenes, Total	ND	0.087		mg/Kg	1	3/17/2022 3:54:24 PM	B86557
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	3/17/2022 3:54:24 PM	B86557

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2203917**

21-Mar-22

Client: GHD Midland

Project: Raitt BID State 1

Sample ID: **MB-66250**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **66250**	RunNo: **86570**
Prep Date: **3/17/2022**	Analysis Date: **3/17/2022**	SeqNo: **3055565** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-66250**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **66250**	RunNo: **86570**
Prep Date: **3/17/2022**	Analysis Date: **3/17/2022**	SeqNo: **3055566** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.5	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2203917**

21-Mar-22

Client: GHD Midland

Project: Raitt BID State 1

Sample ID: **2203917-001AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **TP1-2** Batch ID: **66228** RunNo: **86542**

Prep Date: **3/17/2022** Analysis Date: **3/17/2022** SeqNo: **3055268** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	65	9.7	48.40	37.56	56.8	36.1	154			
Surr: DNOP	6.0		4.840		124	51.1	141			

Sample ID: **2203917-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **TP1-2** Batch ID: **66228** RunNo: **86542**

Prep Date: **3/17/2022** Analysis Date: **3/17/2022** SeqNo: **3055269** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	59	9.3	46.69	37.56	46.3	36.1	154	9.44	33.9	
Surr: DNOP	3.9		4.669		83.0	51.1	141	0	0	

Sample ID: **LCS-66228** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **66228** RunNo: **86542**

Prep Date: **3/17/2022** Analysis Date: **3/17/2022** SeqNo: **3055283** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.7	68.9	135			
Surr: DNOP	3.7		5.000		74.2	51.1	141			

Sample ID: **MB-66228** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **66228** RunNo: **86542**

Prep Date: **3/17/2022** Analysis Date: **3/17/2022** SeqNo: **3055287** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.3		10.00		82.6	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2203917**

21-Mar-22

Client: GHD Midland

Project: Raitt BID State 1

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **G86557**	RunNo: **86557**
Prep Date:	Analysis Date: **3/17/2022**	SeqNo: **3054763** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		107	70	130			

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **G86557**	RunNo: **86557**
Prep Date:	Analysis Date: **3/17/2022**	SeqNo: **3054764** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.9	78.6	131			
Surr: BFB	1200		1000		122	70	130			

Sample ID: **2203917-001ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **TP1-2**	Batch ID: **G86557**	RunNo: **86557**
Prep Date:	Analysis Date: **3/17/2022**	SeqNo: **3054782** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	17	3.8	19.11	0	88.6	70	130			
Surr: BFB	900		764.5		118	70	130			

Sample ID: **2203917-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **TP1-2**	Batch ID: **G86557**	RunNo: **86557**
Prep Date:	Analysis Date: **3/17/2022**	SeqNo: **3054783** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	17	3.8	19.11	0	88.8	70	130	0.271	20	
Surr: BFB	910		764.5		119	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2203917**

21-Mar-22

Client: GHD Midland

Project: Raitt BID State 1

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **B86557**	RunNo: **86557**
Prep Date:	Analysis Date: **3/17/2022**	SeqNo: **3054808** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.94		1.000		94.4	70	130			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **B86557**	RunNo: **86557**
Prep Date:	Analysis Date: **3/17/2022**	SeqNo: **3054809** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.82	0.10	1.000	0	82.1	80	120			
Benzene	0.87	0.025	1.000	0	86.7	80	120			
Toluene	0.92	0.050	1.000	0	91.6	80	120			
Ethylbenzene	0.93	0.050	1.000	0	92.6	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.2	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		97.8	70	130			

Sample ID: **2203917-002ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **TP1-S**	Batch ID: **B86557**	RunNo: **86557**
Prep Date:	Analysis Date: **3/17/2022**	SeqNo: **3054821** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.57	0.069	0.6949	0	81.7	61.5	113			
Benzene	0.60	0.017	0.6949	0	85.8	68.8	120			
Toluene	0.63	0.035	0.6949	0	90.9	73.6	124			
Ethylbenzene	0.64	0.035	0.6949	0	91.6	72.7	129			
Xylenes, Total	1.9	0.069	2.085	0	91.8	75.7	126			
Surr: 4-Bromofluorobenzene	0.68		0.6949		97.4	70	130			

Sample ID: **2203917-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **TP1-S**	Batch ID: **B86557**	RunNo: **86557**
Prep Date:	Analysis Date: **3/17/2022**	SeqNo: **3054822** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.56	0.069	0.6949	0	81.0	61.5	113	0.824	20	
Benzene	0.59	0.017	0.6949	0	85.2	68.8	120	0.608	20	
Toluene	0.63	0.035	0.6949	0	90.4	73.6	124	0.485	20	
Ethylbenzene	0.64	0.035	0.6949	0	91.4	72.7	129	0.208	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2203917**

21-Mar-22

Client: GHD Midland

Project: Raitt BID State 1

Sample ID: **2203917-002amsd** SampType: **MSD** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **TP1-S** Batch ID: **B86557** RunNo: **86557**

Prep Date: Analysis Date: **3/17/2022** SeqNo: **3054822** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total	1.9	0.069	2.085	0	91.7	75.7	126	0.156	20	
Surr: 4-Bromofluorobenzene	0.68		0.6949		97.2	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD Midland Work Order Number: 2203917 RcptNo: 1

Received By: Cheyenne Cason 3/17/2022 7:00:00 AM

Completed By: Tracy Casarrubias 3/17/2022 7:41:27 AM

Reviewed By: 3-17-22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: JR 3/17/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.9	Good	Yes			

Chain-of-Custody Record

Client: GHD

Mailing Address: 324 W. Main St. Suite 108, Artesia NM 88210

Phone #: (505)377-4218

email or Fax#: Becky.Haskell@ghd.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 24-hour

Project Name: Red BID State #1

Project #: 125 75014

Project Manager:
Becky Haskell
Tom Larson

Sampler: Zach Comino

On Ice: X Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.8+0.1 = 3.9

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2203917	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO/DRO/MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride 300
03522	0800	S	TP1-2	Jar		001	X	X									X
	0805		TP1-5			002											
	0815		TP2-2			003											
	0820		TP2-5			004											
	0845		TP3-2			005											
	0850		TP3-5			006											
	0900		TP4-2			007											
	0930		TP4-5			008											

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
03/16/22	0800	Zach Comino				
3/16/22	1900				3/16/22	800
			Received by:	Via:	Date	Time
					3/17/22	0700

Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com Matthew.Laughlin@ghd.com: Along with Becky Haskell listed above. / Amber_Griffen@eogresources.com
Direct Bill to EOG Chase Settle

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2202535253
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☑ Detailed description of proposed remediation technique
- ☑ Scaled sitemap with GPS coordinates showing delineation points
- ☑ Estimated volume of material to be remediated
- ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 04/08/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Robert Hamlet Date: 5/16/2022

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Robert Hamlet Date: 5/16/2022

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

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

CONDITIONS

Action 96991

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 96991
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and less than 100 mg/kg for TPH. Samples must be analyzed for the constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Sidewall/Floor samples should represent no more than 200 ft2. The work will need to occur within 90 days after the work plan has been approved.	5/16/2022