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	nAPP2116636311
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # *(assigned by OCD)*
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.72769 Longitude -104.39633
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Kent BSK #1H	Site Type Flow Line
Date Release Discovered 06/10/2021	API# *(if applicable)* 30-015-40161

Unit Letter	Section	Township	Range	County
P	20	18S	26E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☑ Private (*Name:* Painter, Michael John)

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) Unknown	Volume Recovered (bbls) 0.5
☑ Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 4.5
	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 (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release Failure of the produced water transfer line occurred at the tinhorn allowing for the release of an unknown volume of produced water and crude oil.		

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?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☑ 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: Chase Settle
Title: Rep Safety & Environmental Sr

Signature: Chase Settle
Date: 06/15/2021

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

OCD Only

Received by: _____
Date: _____

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2116636311
District RP	
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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>100 (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	nAPP2116636311
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: 8/31/21

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

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2116636311
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:  Date: 8/31/21

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: 11228312

August 31, 2021

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

Re: Site Characterization and Remediation Work Plan
Kent BSK #1H Release Site
EOG Resources Inc.
Incident ID: nAPP2116636311
P-20-18S-26E, Eddy 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 Kent BKS #1H Release Site (Site). The Site is located in Unit Letter P Section 20 of Township 18 South and Range 26 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.72769 N latitude and 104.39633 W longitude. The release occurred on private surface land. Figure 1 depicts the Site location. The impacted area 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 June 15, 2021. The release was discovered on June 10, 2021. The C-141 stated the release was due a failure of the produced water transfer line which occurred at the tinhorn, allowing for the release of an unknown volume of produced water and crude oil. Approximately 0.5 barrels of oil and 4.5 barrels of produced water were recovered.

The Initial Form C-141, Site Assessment/Characterization and Remediation Plan portions of Form C-141 for Incident Number nAPP2116636311 are attached to the front of this report.

3. Groundwater and Site Characterization

GHD characterized the Site according to Table 1, 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 2 in Artesia, New Mexico.

A search of the New Mexico Office of the State Engineer Point of Diversion website located a water well approximately 0.26 miles from the Kent BSK #1 release site. The well was installed from September 27, 2019 to October 2, 2019. The depth to water was one-hundred-forty (140) feet below ground surface (bgs). The primary purpose of this well is listed as domestic and livestock watering. Depth to groundwater for this Site is greater than one hundred (100) feet bgs. No other receptors (karst potential areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is located within an area with depth to groundwater greater than one hundred (100) feet and meets the closure criteria for depth to groundwater greater than one hundred (100) feet in Table 1 in NMAC 19.15.29.12. The Site characterization documentation (The POD Documentation, Karst Potential, FEMA, Points of Diversion 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	>100’

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

Constituent	Limits
Chloride	20,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
Benzene	10mg/kg
BTEX	50 mg/kg

4. Initial Soil Delineation Assessment Summary and Findings

On July 1, 2021, GHD Services Inc. (GHD), on behalf of EOG, installed six (6) hand borings, HA1 through HA6, within the suspected impacted area. Soil samples were collected at depths ranging from the surface to four (4) feet bgs. 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 that none of the samples exhibited benzene, BTEX, TPH, or chloride concentrations above Table 1 closure criteria.

On July 14, 2021, GHD returned to the site and installed one (1) additional hand boring, HA7 and collected a soil sample at surface and at two (2) feet. 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. None of the samples exhibited benzene, BTEX, TPH, or chloride concentrations above Table 1 closure criteria.

On July 26, 2021. GHD and EOG contractor Culberson Construction Energy Services (CCI), on behalf of EOG, installed two (2) test pits TP1 and TP2 within the suspected impacted area. The test pit locations were excavated to depths ranging from two (2) feet to approximately twenty (20) feet bgs. Soil samples were collected from varying depths of the test pits and field screened for chloride and hydrocarbons. Select samples were submitted to HEAL in Albuquerque, New Mexico and analyzed for BTEX by EPA Method

8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated none of the samples exhibited benzene, BTEX, TPH or chloride concentrations above Table 1 closure criteria.

Figure 2, Site Assessment: Soil Analytical Results Map, depicts the locations of the initial delineation samples and analytical concentrations. Analytical results are provided in Table 1, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment B.

5. nAPP2116636311 Proposed Work Plan

None of the samples collected and submitted to the laboratory for analysis exhibited benzene, BTEX, TPH or chloride concentrations above Table 1 closure criteria. GHD, on behalf of EOG, proposes to excavate soils containing Total TPH concentrations over 100 mg/kg and chloride concentrations over 600 mg/kg within the top four feet of the impacted area. These areas include HA2, TP-1 and TP-2 and the inferred area to be excavated is shown on Figure 2.

Composite confirmation samples will be collected from the sidewalls and floor of the excavation from areas representing areas no larger than two hundred (200) square feet. Discrete soil samples will be collected from the sidewalls and floor of the excavation 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 500 cubic yards. The excavation will be backfilled with clean non-impacted soil transported to the site. The remediation will be performed within 90 days after the work plan has been approved. A closure report will be prepared to document remediation activities and submitted to the NMOCD when remediation activities have been completed.

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

Sincerely,

GHD

Becky Haskell
Senior Project Manager

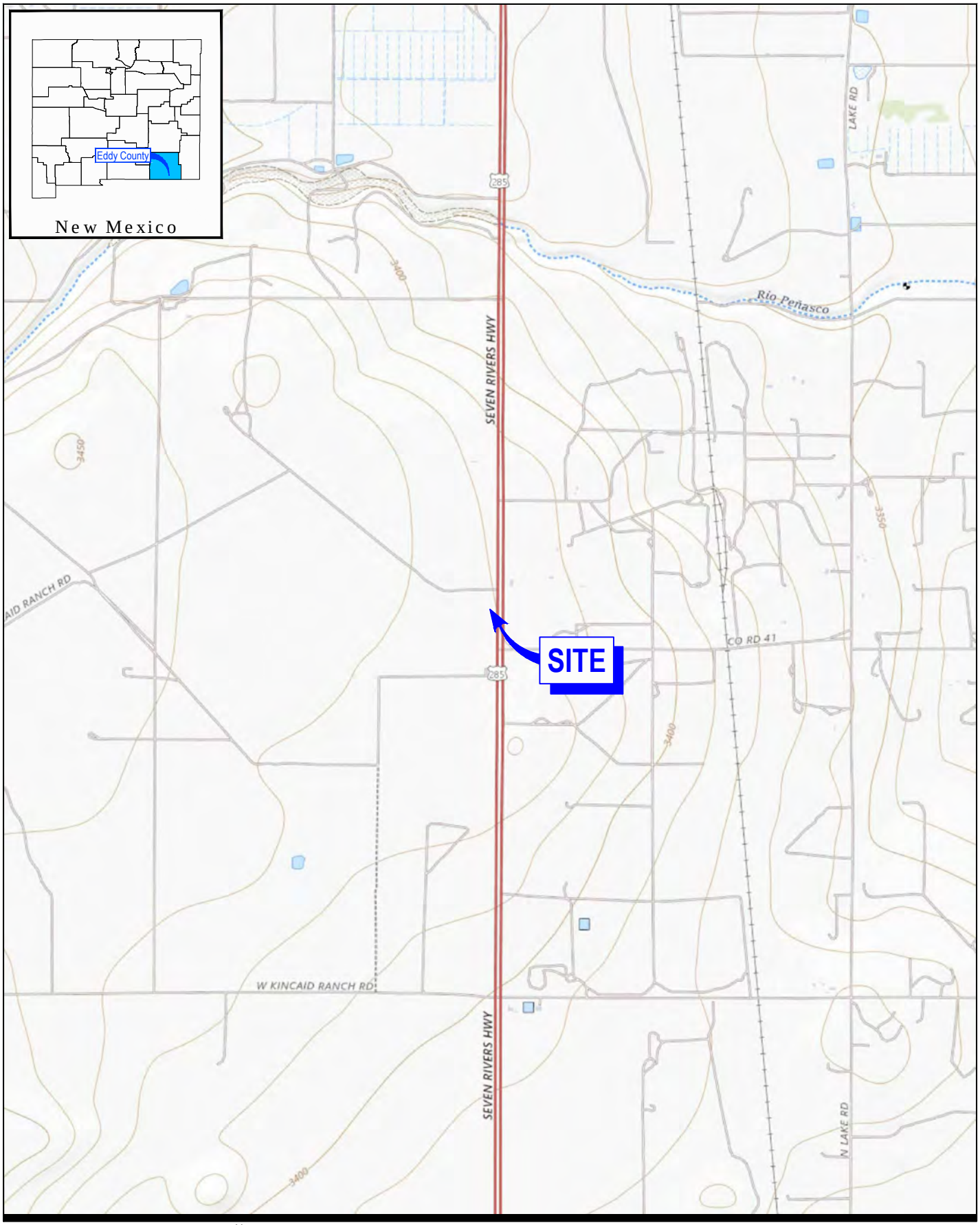
Thomas C. Larson, M.S.
Midland Operation Manager

BH/tl/1

Encl. Figure 1 – Site Location Map
Figure 2 – Site Assessment Soil Analytical Results Map
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
EDDY COUNTY, NEW MEXICO
KENT BSK 1H

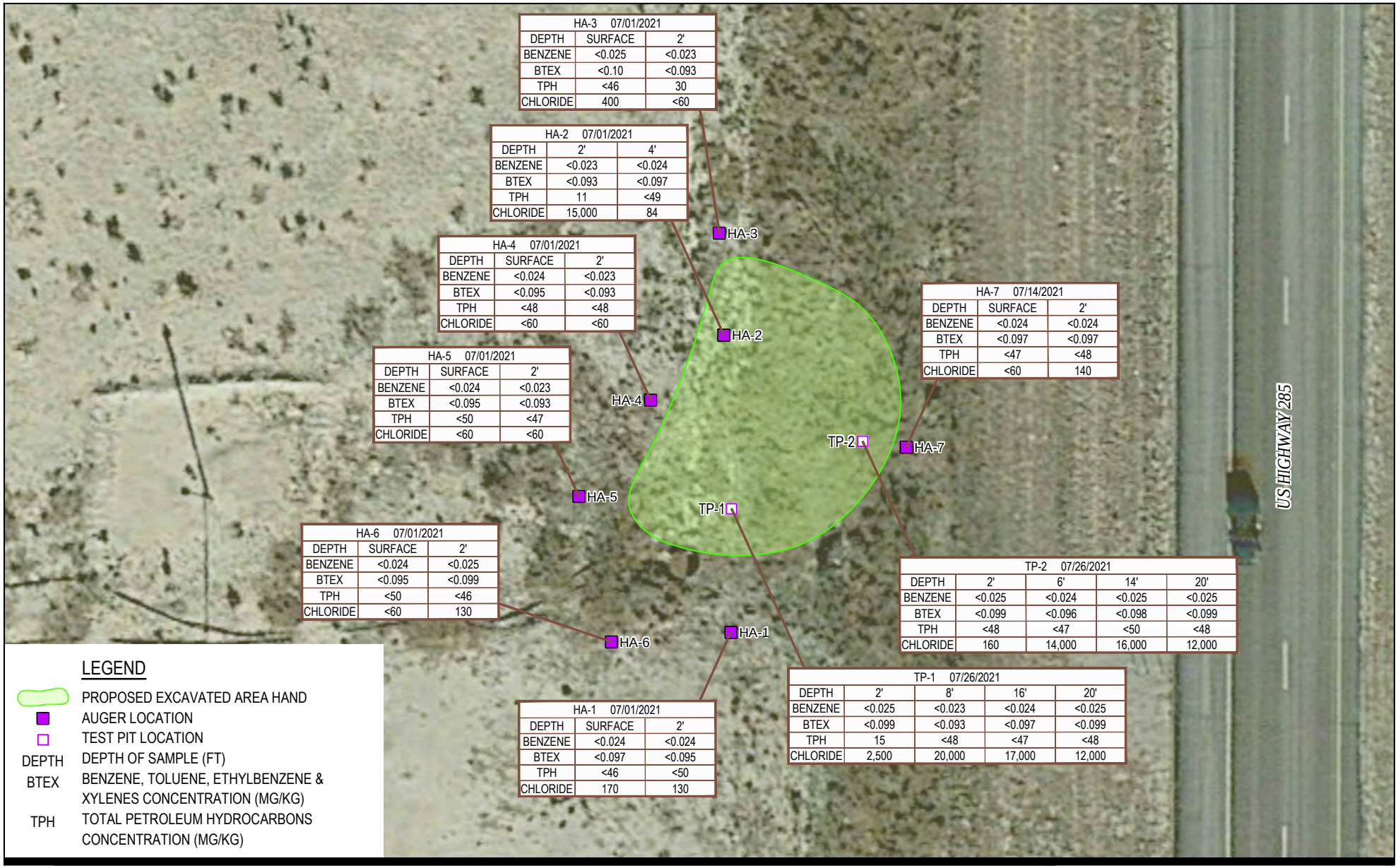
Project No. **11229794**
Date **August 2021**

SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Midland\Projects\562\11229794\Digital_Design\ACAD 2018\Figures\RPT001\11229794-GHD-0000-RPT-EN-0101_DL-001.dwg

Data Source: USGS 7.5 Minute Quad "Dayton and Lake McMillan North, New Mexico"
Lat/Long: 32.727763° North, 104.396291° West



HA-3 07/01/2021		
DEPTH	SURFACE	2'
BENZENE	<0.025	<0.023
BTEX	<0.10	<0.093
TPH	<46	30
CHLORIDE	400	<60

HA-2 07/01/2021		
DEPTH	2'	4'
BENZENE	<0.023	<0.024
BTEX	<0.093	<0.097
TPH	11	<49
CHLORIDE	15,000	84

HA-4 07/01/2021		
DEPTH	SURFACE	2'
BENZENE	<0.024	<0.023
BTEX	<0.095	<0.093
TPH	<48	<48
CHLORIDE	<60	<60

HA-5 07/01/2021		
DEPTH	SURFACE	2'
BENZENE	<0.024	<0.023
BTEX	<0.095	<0.093
TPH	<50	<47
CHLORIDE	<60	<60

HA-6 07/01/2021		
DEPTH	SURFACE	2'
BENZENE	<0.024	<0.025
BTEX	<0.095	<0.099
TPH	<50	<46
CHLORIDE	<60	130

HA-1 07/01/2021		
DEPTH	SURFACE	2'
BENZENE	<0.024	<0.024
BTEX	<0.097	<0.095
TPH	<46	<50
CHLORIDE	170	130

HA-7 07/14/2021		
DEPTH	SURFACE	2'
BENZENE	<0.024	<0.024
BTEX	<0.097	<0.097
TPH	<47	<48
CHLORIDE	<60	140

TP-2 07/26/2021				
DEPTH	2'	6'	14'	20'
BENZENE	<0.025	<0.024	<0.025	<0.025
BTEX	<0.099	<0.096	<0.098	<0.099
TPH	<48	<47	<50	<48
CHLORIDE	160	14,000	16,000	12,000

TP-1 07/26/2021				
DEPTH	2'	8'	16'	20'
BENZENE	<0.025	<0.023	<0.024	<0.025
BTEX	<0.099	<0.093	<0.097	<0.099
TPH	15	<48	<47	<48
CHLORIDE	2,500	20,000	17,000	12,000

LEGEND

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

0 15 30 ft

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

N

NOTES:

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

GHD

EOG RESOURCES
EDDY COUNTY, NEW MEXICO
KENT BSK 1H

SITE ASSESSMENT:
SOIL ANALYTICAL RESULTS MAP

Project No. **11229794**
Date **August 2021**

FIGURE 2

Filename: \\ghdnet\ghd\US\Midland\Projects\562\11229794\Digital_Design\ACAD 2018\Figures\RPT001\11229794-GHD-0000-RPT-EN-0101_DL-001.dwg
Plot Date: 31 August 2021 12:04 PM

Data Source: Image © 2021 Google - Imagery Date: December 29, 2019
Lat/Long: 32.727763° North, 104.396291° West

Tables

Table 1
Summary of Soil Analytical Data
Kent BSK 1H
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (feet bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	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	1,000 mg/Kg		---	2,500 mg/Kg	20,000 mg/Kg
Initial Assessment Samples												
HA1-S	7/1/21	Surface	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.3	<46	<46	**170**
HA1-2	7/1/21	2	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.9	<50	<50	**130**
HA2-2	7/1/21	2	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	**11**	<49	**11**	**15,000**
HA2-4	7/1/21	4	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.8	<49	<49	**84**
HA3-S	7/1/21	Surface	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<46	<46	**400**
HA3-2	7/1/21	2	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	**30**	<49	**30**	<60
HA4-S	7/1/21	Surface	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.5	<48	<48	<60
HA4-2	7/1/21	2	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<9.5	<48	<48	<60
HA5-S	7/1/21	Surface	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.9	<50	<50	<60
HA5-2	7/1/21	2	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.4	<47	<47	<60
HA6-S	7/1/21	Surface	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.9	<50	<50	<60
HA6-2	7/1/21	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.2	<46	<46	**130**
HA7-S	7/14/21	Surface	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.4	<47	<47	<60
HA7-2	7/14/21	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.6	<48	<48	**140**
Test Pit Samples												
TP1-2	7/26/21	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	**15**	<47	**15**	**2,500**
TP1-8	7/26/21	8	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<9.6	<48	<48	**20,000**
TP1-16	7/26/21	16	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.4	<47	<47	**17,000**
TP1-20	7/26/21	20	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<48	<48	**12,000**
TP2-2	7/26/21	2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<48	<48	**160**
TP2-6	7/26/21	6	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<47	<47	**14,000**
TP2-14	7/26/21	14	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.9	<50	<50	**16,000**
TP2-20	7/26/21	20	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<48	<48	**12,000**

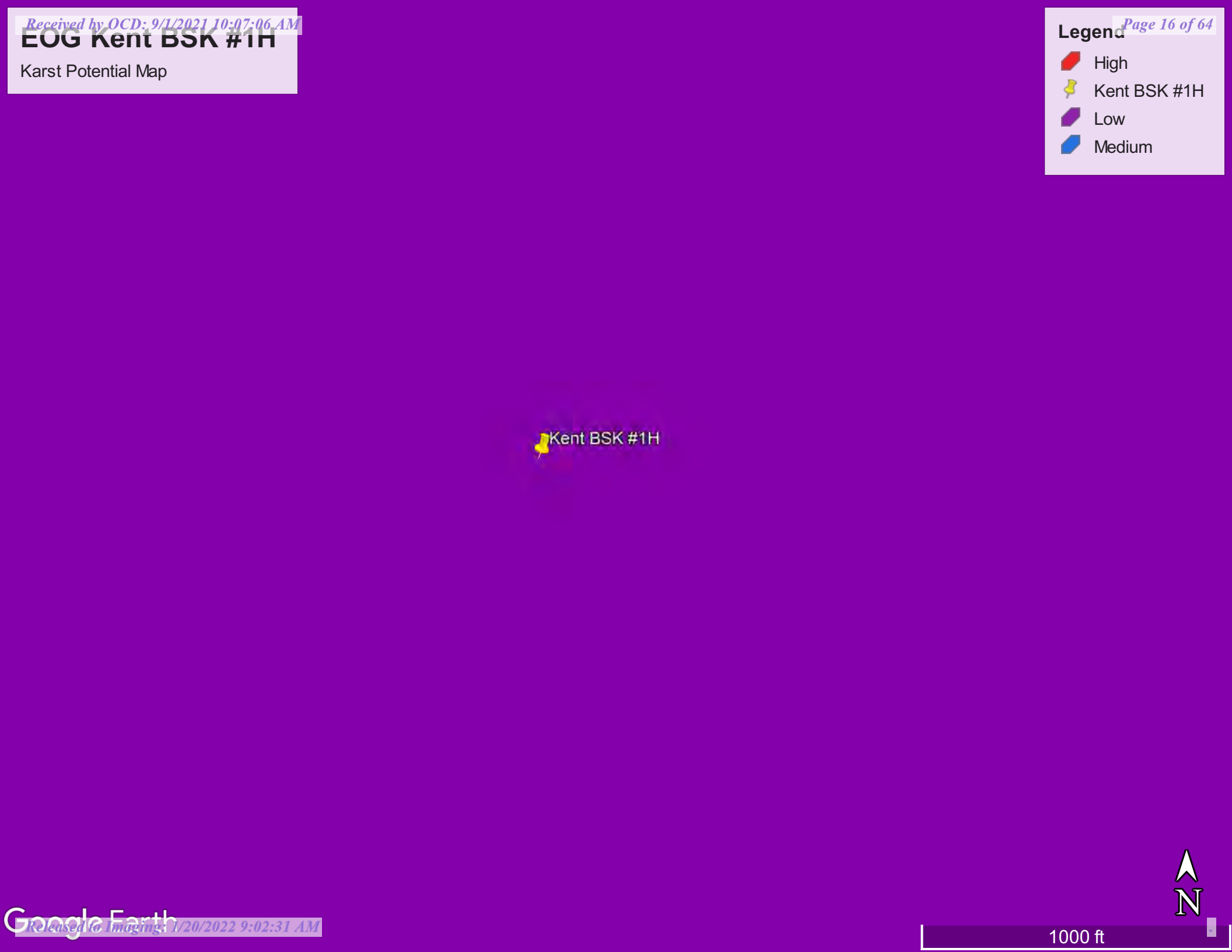
Notes:
1. Values reported in mg/kg
2. < = Value Less than Reporting Limit (RL)
3. Bold Indicates Analyte Detected
4 BTEX analyses by EPA Method SW 8021B
5. TPH analyses by EPA Method SW 8015 Mod
6. GRO/DRO/MRO = Gasoline/Diesel/Motor Oi
7. Yellow shaded cells indicate analytical samples that exceed the NMOC 19.15.29.12 Table Closure Criteria for the site.
8. J - the target analytes was positively identified below the quantitation limit and above the detection limi

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

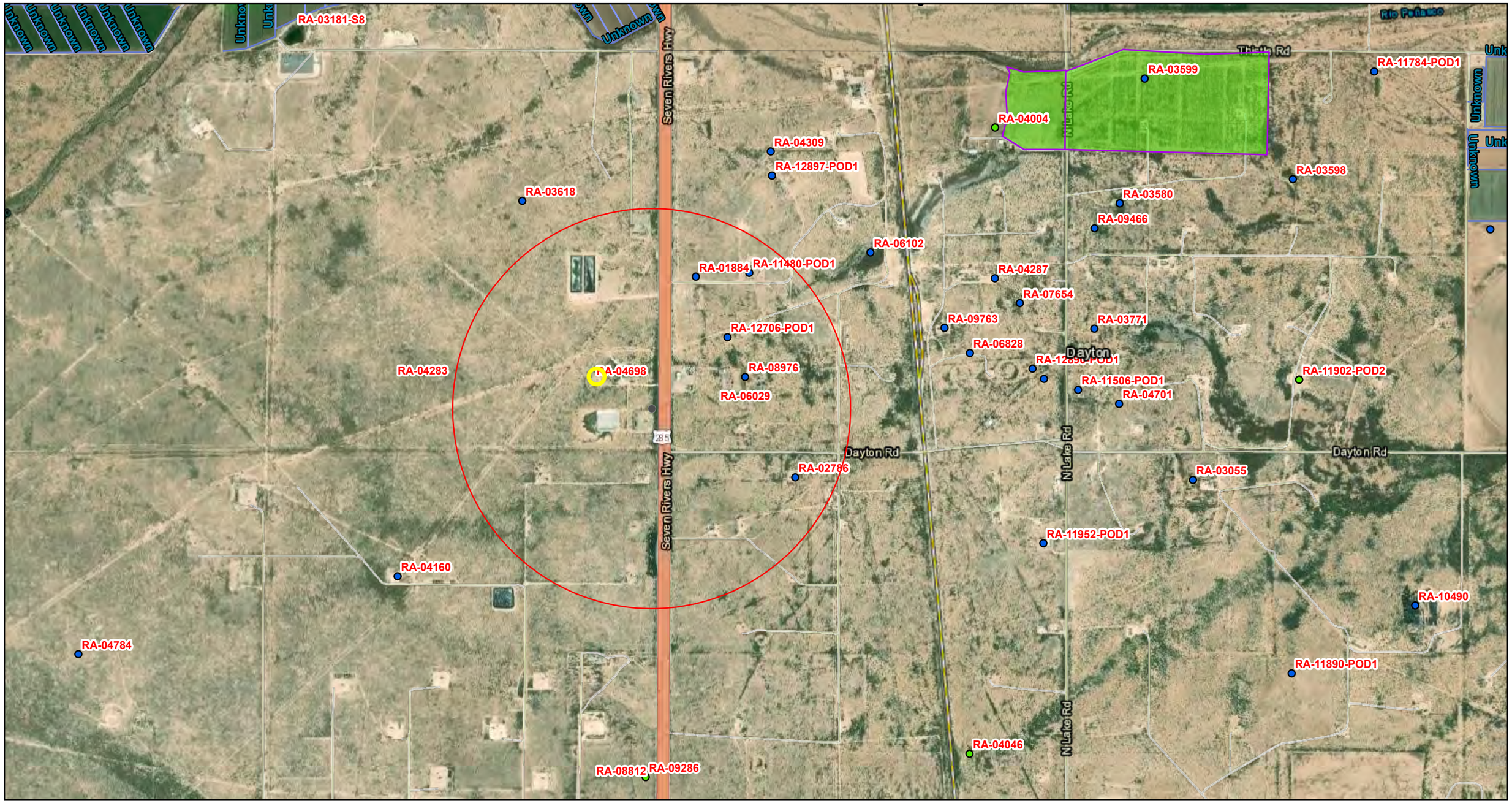
Attachment A
Site Characterization Documentation

EOG Kent BSK #1H

Karst Potential Map



OSE PUBLIC PRINT



8/30/2021, 4:33:57 PM

Live Stream Gauges v1

GIS WATERS PODs

- Active
- Pending

OSE District Boundary

Water Right Regulations

Negative Easement Area

New Mexico State Trust Lands

Subsurface Estate

Conveyances

Ditch

Lateral

SiteBoundaries

1:18,056

0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

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

Printed from Public Web Map
Unofficial Map from OSE POD Locations Web Application

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
22228	RA 12706 POD1	4	1	3	21	18S	26E	556871	3621549

Driller License: 1064 **Driller Company:** DELFORD W. MARTIN

Driller Name: MARTIN, DELFORDDHARDDENAS

Drill Start Date: 09/27/2019 **Drill Finish Date:** 10/02/2019 **Plug Date:**

Log File Date: 10/21/2019 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 15 GPM

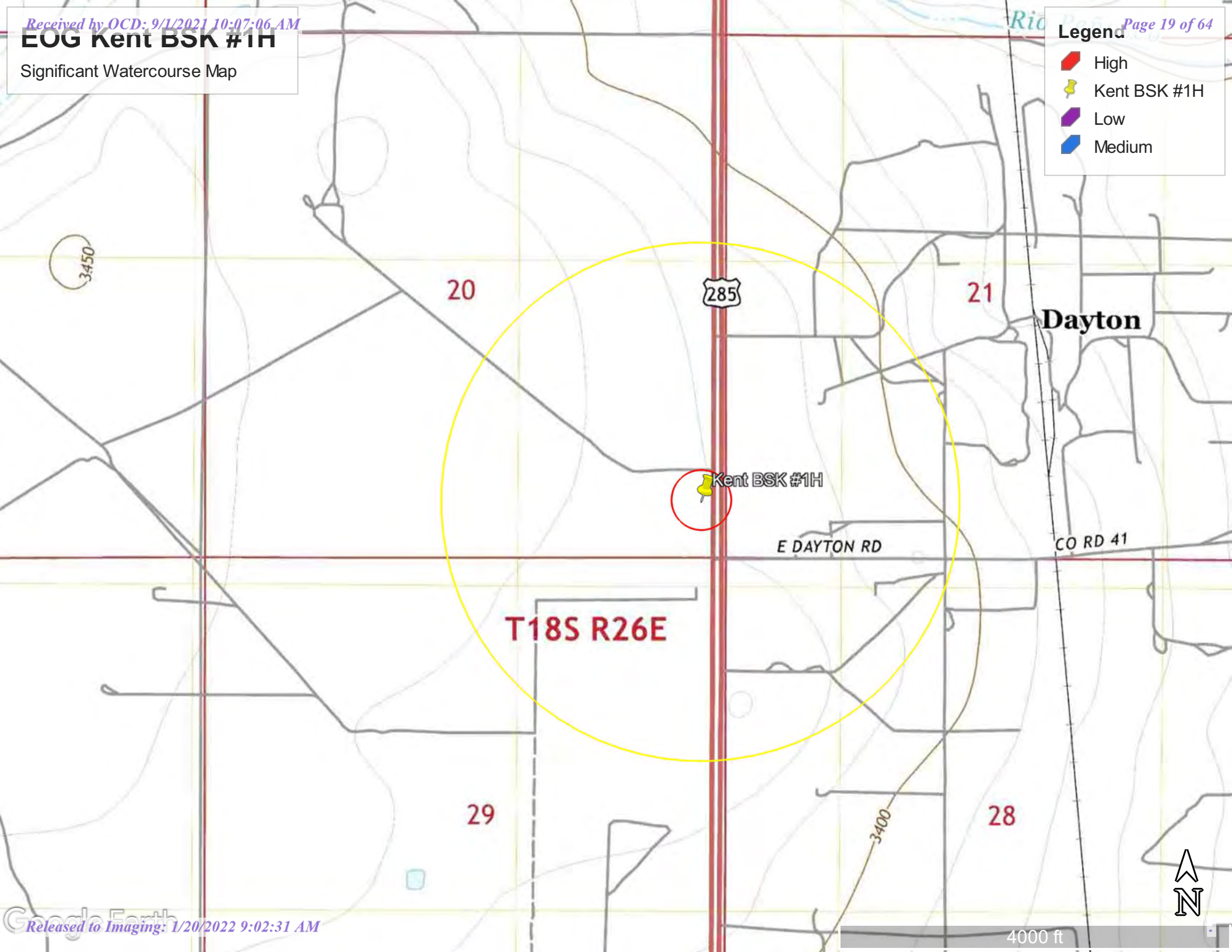
Casing Size: 5.00 **Depth Well:** 210 feet **Depth Water:** 140 feet

Water Bearing Stratifications:	Top	Bottom	Description
	140	205	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	150	210

EOG Kent BSK #1H

Significant Watercourse Map



U.S. Fish and Wildlife Service
National Wetlands Inventory

EOG Kent BSK #1H

August 31, 2021

Wetlands

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

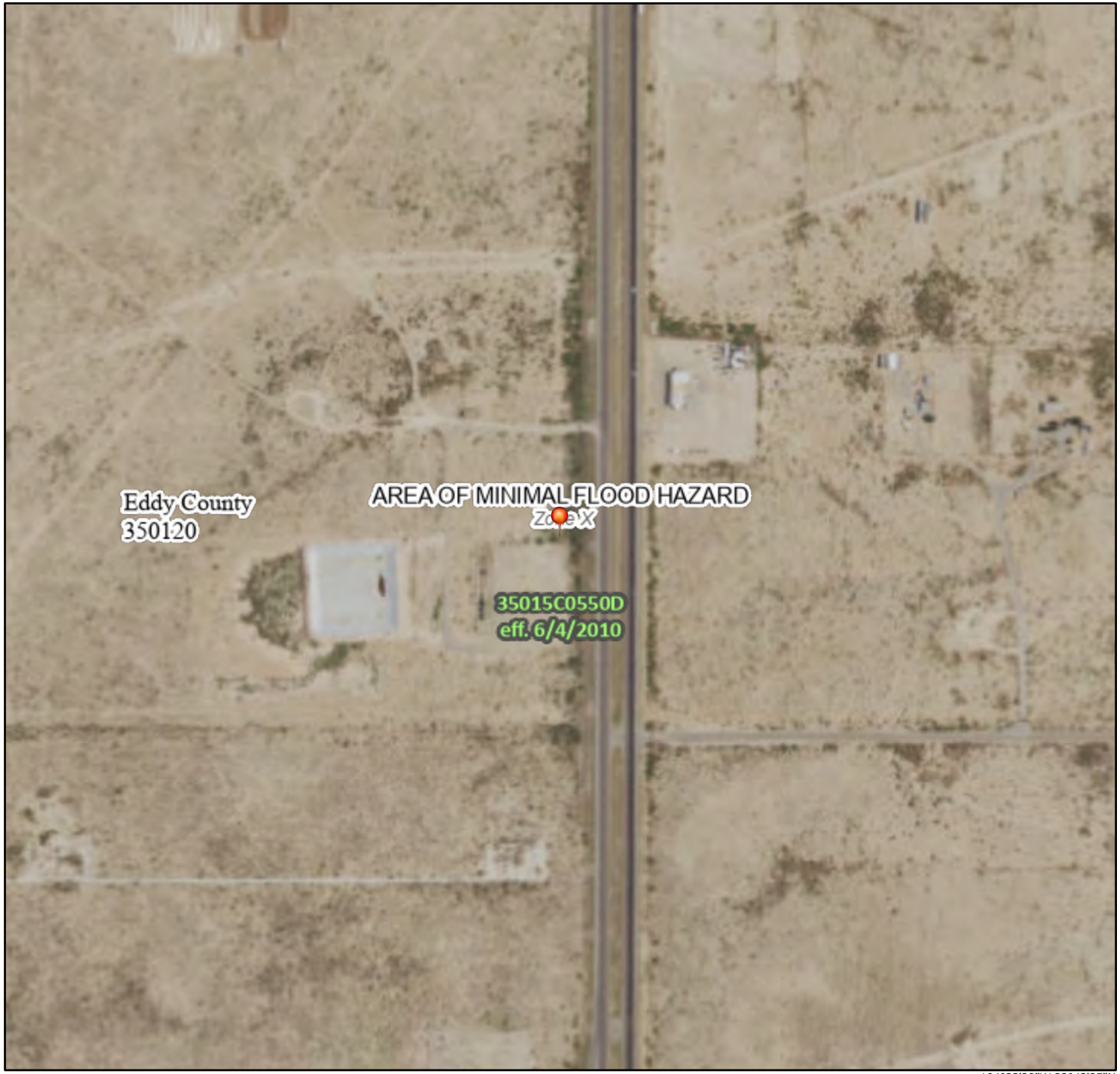
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

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

National Flood Hazard Layer FIRMette

FEMA

104°24'6"W 32°43'55"N



104°23'28"W 32°43'25"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 Cross Sections with 1% Annual Chance
- 17.5 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 8/31/2021 at 9:06 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.

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

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

July 08, 2021

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

RE: Kent BSK 1H OrderNo.: 2107067

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 12 sample(s) on 7/2/2021 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: **2107067**
Date Reported: **7/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Lab Order:** 2107067
Project: Kent BSK 1H

Lab ID: 2107067-001 **Collection Date:** 7/1/2021 6:45:00 AM
Client Sample ID: HA1-S **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	170	60		mg/Kg	20	7/6/2021 3:37:24 PM	61120
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	7/3/2021 10:37:39 AM	61114
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/3/2021 10:37:39 AM	61114
Surr: DNOP	93.4	70-130		%Rec	1	7/3/2021 10:37:39 AM	61114
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/6/2021 1:56:00 PM	61112
Surr: BFB	98.2	70-130		%Rec	1	7/6/2021 1:56:00 PM	61112
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	7/6/2021 1:56:00 PM	61112
Toluene	ND	0.049		mg/Kg	1	7/6/2021 1:56:00 PM	61112
Ethylbenzene	ND	0.049		mg/Kg	1	7/6/2021 1:56:00 PM	61112
Xylenes, Total	ND	0.097		mg/Kg	1	7/6/2021 1:56:00 PM	61112
Surr: 4-Bromofluorobenzene	92.1	70-130		%Rec	1	7/6/2021 1:56:00 PM	61112

Lab ID: 2107067-002 **Collection Date:** 7/1/2021 6:50:00 AM
Client Sample ID: HA1-2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	130	60		mg/Kg	20	7/6/2021 11:29:05 PM	61148
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/3/2021 11:01:24 AM	61114
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/3/2021 11:01:24 AM	61114
Surr: DNOP	94.0	70-130		%Rec	1	7/3/2021 11:01:24 AM	61114
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/6/2021 3:56:00 PM	61112
Surr: BFB	105	70-130		%Rec	1	7/6/2021 3:56:00 PM	61112
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	7/6/2021 3:56:00 PM	61112
Toluene	ND	0.048		mg/Kg	1	7/6/2021 3:56:00 PM	61112
Ethylbenzene	ND	0.048		mg/Kg	1	7/6/2021 3:56:00 PM	61112
Xylenes, Total	ND	0.095		mg/Kg	1	7/6/2021 3:56:00 PM	61112
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	7/6/2021 3:56:00 PM	61112

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	Value above quantitation range
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		

Analytical Report
Lab Order: **2107067**
Date Reported: **7/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Project: Kent BSK 1H
Lab Order: 2107067

Lab ID: 2107067-003
Client Sample ID: HA2-2
Collection Date: 7/1/2021 6:55:00 AM
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	15000	600		mg/Kg	200	7/7/2021 2:10:12 PM	61148
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	11	9.9		mg/Kg	1	7/3/2021 11:25:14 AM	61114
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/3/2021 11:25:14 AM	61114
Surr: DNOP	92.9	70-130		%Rec	1	7/3/2021 11:25:14 AM	61114
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/6/2021 4:16:00 PM	61112
Surr: BFB	97.4	70-130		%Rec	1	7/6/2021 4:16:00 PM	61112
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	7/6/2021 4:16:00 PM	61112
Toluene	ND	0.046		mg/Kg	1	7/6/2021 4:16:00 PM	61112
Ethylbenzene	ND	0.046		mg/Kg	1	7/6/2021 4:16:00 PM	61112
Xylenes, Total	ND	0.093		mg/Kg	1	7/6/2021 4:16:00 PM	61112
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	7/6/2021 4:16:00 PM	61112

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2107067**
Date Reported: **7/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Lab Order:** 2107067
Project: Kent BSK 1H

Lab ID: 2107067-004 **Collection Date:** 7/1/2021 7:00:00 AM
Client Sample ID: HA2-4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	84	60		mg/Kg	20	7/6/2021 11:53:55 PM	61148
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/3/2021 11:49:00 AM	61114
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/3/2021 11:49:00 AM	61114
Surr: DNOP	94.0	70-130		%Rec	1	7/3/2021 11:49:00 AM	61114
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/6/2021 4:36:00 PM	61112
Surr: BFB	104	70-130		%Rec	1	7/6/2021 4:36:00 PM	61112
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	7/6/2021 4:36:00 PM	61112
Toluene	ND	0.049		mg/Kg	1	7/6/2021 4:36:00 PM	61112
Ethylbenzene	ND	0.049		mg/Kg	1	7/6/2021 4:36:00 PM	61112
Xylenes, Total	ND	0.097		mg/Kg	1	7/6/2021 4:36:00 PM	61112
Surr: 4-Bromofluorobenzene	90.2	70-130		%Rec	1	7/6/2021 4:36:00 PM	61112

Lab ID: 2107067-005 **Collection Date:** 7/1/2021 7:05:00 AM
Client Sample ID: HA3-S **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	400	60		mg/Kg	20	7/7/2021 12:06:19 AM	61148
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	7/3/2021 12:12:49 PM	61114
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/3/2021 12:12:49 PM	61114
Surr: DNOP	96.0	70-130		%Rec	1	7/3/2021 12:12:49 PM	61114
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/6/2021 4:56:00 PM	61112
Surr: BFB	100	70-130		%Rec	1	7/6/2021 4:56:00 PM	61112
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	7/6/2021 4:56:00 PM	61112
Toluene	ND	0.050		mg/Kg	1	7/6/2021 4:56:00 PM	61112
Ethylbenzene	ND	0.050		mg/Kg	1	7/6/2021 4:56:00 PM	61112
Xylenes, Total	ND	0.10		mg/Kg	1	7/6/2021 4:56:00 PM	61112
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	7/6/2021 4:56:00 PM	61112

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	Value above quantitation range
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		

Analytical Report
Lab Order: **2107067**
Date Reported: **7/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Project: Kent BSK 1H
Lab Order: 2107067

Lab ID: 2107067-006
Client Sample ID: HA3-2
Collection Date: 7/1/2021 7:10:00 AM
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	60		mg/Kg	20	7/7/2021 12:18:44 AM	61148
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	30	9.9		mg/Kg	1	7/3/2021 12:36:37 PM	61114
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/3/2021 12:36:37 PM	61114
Surr: DNOP	98.3	70-130		%Rec	1	7/3/2021 12:36:37 PM	61114
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/6/2021 5:16:00 PM	61112
Surr: BFB	96.3	70-130		%Rec	1	7/6/2021 5:16:00 PM	61112
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	7/6/2021 5:16:00 PM	61112
Toluene	ND	0.046		mg/Kg	1	7/6/2021 5:16:00 PM	61112
Ethylbenzene	ND	0.046		mg/Kg	1	7/6/2021 5:16:00 PM	61112
Xylenes, Total	ND	0.093		mg/Kg	1	7/6/2021 5:16:00 PM	61112
Surr: 4-Bromofluorobenzene	90.7	70-130		%Rec	1	7/6/2021 5:16:00 PM	61112

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2107067**
Date Reported: **7/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Lab Order:** 2107067
Project: Kent BSK 1H

Lab ID: 2107067-007 **Collection Date:** 7/1/2021 7:15:00 AM
Client Sample ID: HA4-S **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	60		mg/Kg	20	7/7/2021 12:31:08 AM	61148
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/3/2021 1:00:28 PM	61114
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/3/2021 1:00:28 PM	61114
Surr: DNOP	82.2	70-130		%Rec	1	7/3/2021 1:00:28 PM	61114
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/6/2021 5:36:00 PM	61112
Surr: BFB	93.1	70-130		%Rec	1	7/6/2021 5:36:00 PM	61112
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	7/6/2021 5:36:00 PM	61112
Toluene	ND	0.047		mg/Kg	1	7/6/2021 5:36:00 PM	61112
Ethylbenzene	ND	0.047		mg/Kg	1	7/6/2021 5:36:00 PM	61112
Xylenes, Total	ND	0.095		mg/Kg	1	7/6/2021 5:36:00 PM	61112
Surr: 4-Bromofluorobenzene	88.1	70-130		%Rec	1	7/6/2021 5:36:00 PM	61112

Lab ID: 2107067-008 **Collection Date:** 7/1/2021 7:20:00 AM
Client Sample ID: HA4-2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	60		mg/Kg	20	7/7/2021 1:08:24 AM	61148
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/3/2021 1:24:26 PM	61114
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/3/2021 1:24:26 PM	61114
Surr: DNOP	97.0	70-130		%Rec	1	7/3/2021 1:24:26 PM	61114
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/6/2021 5:56:00 PM	61112
Surr: BFB	98.4	70-130		%Rec	1	7/6/2021 5:56:00 PM	61112
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	7/6/2021 5:56:00 PM	61112
Toluene	ND	0.046		mg/Kg	1	7/6/2021 5:56:00 PM	61112
Ethylbenzene	ND	0.046		mg/Kg	1	7/6/2021 5:56:00 PM	61112
Xylenes, Total	ND	0.093		mg/Kg	1	7/6/2021 5:56:00 PM	61112
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	7/6/2021 5:56:00 PM	61112

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2107067**
Date Reported: **7/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Project: Kent BSK 1H
Lab Order: 2107067

Lab ID: 2107067-009
Client Sample ID: HA5-S
Collection Date: 7/1/2021 8:00:00 AM
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	60		mg/Kg	20	7/7/2021 1:20:49 AM	61148
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/3/2021 2:13:44 PM	61114
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/3/2021 2:13:44 PM	61114
Surr: DNOP	93.7	70-130		%Rec	1	7/3/2021 2:13:44 PM	61114
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/6/2021 6:16:00 PM	61112
Surr: BFB	95.0	70-130		%Rec	1	7/6/2021 6:16:00 PM	61112
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	7/6/2021 6:16:00 PM	61112
Toluene	ND	0.048		mg/Kg	1	7/6/2021 6:16:00 PM	61112
Ethylbenzene	ND	0.048		mg/Kg	1	7/6/2021 6:16:00 PM	61112
Xylenes, Total	ND	0.095		mg/Kg	1	7/6/2021 6:16:00 PM	61112
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	7/6/2021 6:16:00 PM	61112

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2107067**
Date Reported: **7/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Lab Order:** 2107067
Project: Kent BSK 1H

Lab ID: 2107067-010 **Collection Date:** 7/1/2021 8:10:00 AM
Client Sample ID: HA5-2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	60		mg/Kg	20	7/7/2021 1:33:14 AM	61148
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/3/2021 2:37:37 PM	61114
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/3/2021 2:37:37 PM	61114
Surr: DNOP	95.6	70-130		%Rec	1	7/3/2021 2:37:37 PM	61114
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/6/2021 6:36:00 PM	61112
Surr: BFB	92.0	70-130		%Rec	1	7/6/2021 6:36:00 PM	61112
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	7/6/2021 6:36:00 PM	61112
Toluene	ND	0.047		mg/Kg	1	7/6/2021 6:36:00 PM	61112
Ethylbenzene	ND	0.047		mg/Kg	1	7/6/2021 6:36:00 PM	61112
Xylenes, Total	ND	0.093		mg/Kg	1	7/6/2021 6:36:00 PM	61112
Surr: 4-Bromofluorobenzene	88.1	70-130		%Rec	1	7/6/2021 6:36:00 PM	61112

Lab ID: 2107067-011 **Collection Date:** 7/1/2021 8:15:00 AM
Client Sample ID: HA6-S **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	60		mg/Kg	20	7/7/2021 1:45:38 AM	61148
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/3/2021 3:01:31 PM	61114
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/3/2021 3:01:31 PM	61114
Surr: DNOP	95.0	70-130		%Rec	1	7/3/2021 3:01:31 PM	61114
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/6/2021 6:56:00 PM	61112
Surr: BFB	102	70-130		%Rec	1	7/6/2021 6:56:00 PM	61112
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	7/6/2021 6:56:00 PM	61112
Toluene	ND	0.048		mg/Kg	1	7/6/2021 6:56:00 PM	61112
Ethylbenzene	ND	0.048		mg/Kg	1	7/6/2021 6:56:00 PM	61112
Xylenes, Total	ND	0.095		mg/Kg	1	7/6/2021 6:56:00 PM	61112
Surr: 4-Bromofluorobenzene	88.7	70-130		%Rec	1	7/6/2021 6:56:00 PM	61112

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2107067**
Date Reported: **7/8/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Lab Order:** 2107067
Project: Kent BSK 1H

Lab ID: 2107067-012 **Collection Date:** 7/1/2021 8:20:00 AM
Client Sample ID: HA6-2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	130	60		mg/Kg	20	7/7/2021 1:58:02 AM	61148
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	7/6/2021 12:58:01 PM	61118
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/6/2021 12:58:01 PM	61118
Surr: DNOP	101	70-130		%Rec	1	7/6/2021 12:58:01 PM	61118
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/6/2021 8:56:00 PM	61115
Surr: BFB	101	70-130		%Rec	1	7/6/2021 8:56:00 PM	61115
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	7/6/2021 8:56:00 PM	61115
Toluene	ND	0.049		mg/Kg	1	7/6/2021 8:56:00 PM	61115
Ethylbenzene	ND	0.049		mg/Kg	1	7/6/2021 8:56:00 PM	61115
Xylenes, Total	ND	0.099		mg/Kg	1	7/6/2021 8:56:00 PM	61115
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	7/6/2021 8:56:00 PM	61115

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2107067**
08-Jul-21

Client: GHD Midland
Project: Kent BSK 1H

Sample ID: **LCS-61120** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **61120** RunNo: **79587**
Prep Date: **7/6/2021** Analysis Date: **7/6/2021** SeqNo: **2799387** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.3	90	110			

Sample ID: **MB-61120** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **61120** RunNo: **79587**
Prep Date: **7/6/2021** Analysis Date: **7/6/2021** SeqNo: **2799388** Units: **mg/Kg**

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

Sample ID: **MB-61148** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **61148** RunNo: **79587**
Prep Date: **7/6/2021** Analysis Date: **7/6/2021** SeqNo: **2799455** Units: **mg/Kg**

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

Sample ID: **LCS-61148** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **61148** RunNo: **79587**
Prep Date: **7/6/2021** Analysis Date: **7/6/2021** SeqNo: **2799456** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.8	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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107067**

08-Jul-21

Client: GHD Midland

Project: Kent BSK 1H

Sample ID: **MB-61114**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **61114**	RunNo: **79559**
Prep Date: **7/2/2021**	Analysis Date: **7/3/2021**	SeqNo: **2797735** 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	13		10.00		127	70	130			

Sample ID: **LCS-61114**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **61114**	RunNo: **79559**
Prep Date: **7/2/2021**	Analysis Date: **7/3/2021**	SeqNo: **2797736** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	68.9	141			
Surr: DNOP	5.8		5.000		115	70	130			

Sample ID: **MB-61118**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **61118**	RunNo: **79594**
Prep Date: **7/3/2021**	Analysis Date: **7/6/2021**	SeqNo: **2799172** 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	10		10.00		101	70	130			

Sample ID: **LCS-61118**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **61118**	RunNo: **79594**
Prep Date: **7/3/2021**	Analysis Date: **7/6/2021**	SeqNo: **2799173** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.7	68.9	141			
Surr: DNOP	5.2		5.000		104	70	130			

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107067**

08-Jul-21

Client: GHD Midland

Project: Kent BSK 1H

Sample ID: **mb-61112**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **61112**	RunNo: **79580**							
Prep Date: **7/2/2021**	Analysis Date: **7/6/2021**	SeqNo: **2799568**	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	1000		1000		102	70	130			

Sample ID: **mb-61115**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **61115**	RunNo: **79580**							
Prep Date: **7/2/2021**	Analysis Date: **7/6/2021**	SeqNo: **2799569**	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	1000		1000		100	70	130			

Sample ID: **lcs-61112**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **61112**	RunNo: **79580**							
Prep Date: **7/2/2021**	Analysis Date: **7/6/2021**	SeqNo: **2799570**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.9	78.6	131			
Surr: BFB	1100		1000		114	70	130			

Sample ID: **lcs-61115**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **61115**	RunNo: **79580**							
Prep Date: **7/2/2021**	Analysis Date: **7/6/2021**	SeqNo: **2799571**	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	95.5	78.6	131			
Surr: BFB	1100		1000		107	70	130			

Sample ID: **2107067-012ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **HA6-2**	Batch ID: **61115**	RunNo: **79580**							
Prep Date: **7/2/2021**	Analysis Date: **7/6/2021**	SeqNo: **2799573**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.8	24.13	0	89.4	61.3	114			
Surr: BFB	990		965.3		103	70	130			

Sample ID: **2107067-012amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **HA6-2**	Batch ID: **61115**	RunNo: **79580**							
Prep Date: **7/2/2021**	Analysis Date: **7/6/2021**	SeqNo: **2799575**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2107067**
08-Jul-21

Client: GHD Midland
Project: Kent BSK 1H

Sample ID: **2107067-012amsd** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **HA6-2** Batch ID: **61115** RunNo: **79580**
Prep Date: **7/2/2021** Analysis Date: **7/6/2021** SeqNo: **2799575** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.6	23.17	0	88.6	61.3	114	4.92	20	
Surr: BFB	1000		926.8		108	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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2107067**
08-Jul-21

Client: GHD Midland
Project: Kent BSK 1H

Sample ID: **mb-61112** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **61112** RunNo: **79580**
Prep Date: **7/2/2021** Analysis Date: **7/6/2021** SeqNo: **2799581** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.0	70	130			

Sample ID: **mb-61115** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **61115** RunNo: **79580**
Prep Date: **7/2/2021** Analysis Date: **7/6/2021** SeqNo: **2799582** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		94.5	70	130			

Sample ID: **lcs-61112** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **61112** RunNo: **79580**
Prep Date: **7/2/2021** Analysis Date: **7/6/2021** SeqNo: **2799583** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.4	80	120			
Toluene	0.95	0.050	1.000	0	95.5	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.8	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.1	80	120			
Surr: 4-Bromofluorobenzene	0.96		1.000		95.9	70	130			

Sample ID: **lcs-61115** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **61115** RunNo: **79580**
Prep Date: **7/2/2021** Analysis Date: **7/6/2021** SeqNo: **2799584** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	99.3	80	120			
Toluene	0.99	0.050	1.000	0	99.0	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.0	0.10	3.000	0	100	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		92.2	70	130			

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
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 | Work Order Number: 2107067 | RcptNo: 1

Received By: Juan Rojas 7/2/2021 7:30:00 AM

Completed By: Cheyenne Cason 7/2/2021 8:07:00 AM

Reviewed By: SPA 7.2.21

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: T.C. 7.2.21

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	1.6	Good				

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 5-Day

Project Name: Kent BSK #1H

Project #: 1122794

Project Manager:
Becky Haskell
Tom Larson

Sampler: Zach Comino

On Ice: X Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.6-0=1.6

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. 2107067	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 Method 300
07021	0645	S	HA1-S	Jar		001	X	X									X
	0650		HA1-2			002											
	0655		HA2-2			003											
	0700		HA2-4			004											
	0705		HA3-S			005											
	0710		HA3-2			006											
	0715		HA4-S			007											
	0720		HA4-2			008											
	0800		HA5-S			009											
	0810		HA5-2			010											
	0815		HA6-S			011											
	0820		HA6-2			012											

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
07021	1200	Zach Comino				
7/1/21	1900			Courier	7/2/21	7:30

Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com: Along with Becky Haskell listed above.
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.

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

July 22, 2021

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

RE: Kent BSK 1H OrderNo.: 2107837

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/16/2021 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: **2107837**
Date Reported: **7/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland **Lab Order:** 2107837
Project: Kent BSK 1H

Lab ID: 2107837-001 **Collection Date:** 7/14/2021 11:30:00 AM
Client Sample ID: HA7-S **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	60		mg/Kg	20	7/22/2021 5:57:03 AM	61462
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/20/2021 7:28:08 PM	61405
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/20/2021 7:28:08 PM	61405
Surr: DNOP	87.4	70-130		%Rec	1	7/20/2021 7:28:08 PM	61405
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2021 2:42:42 AM	61386
Surr: BFB	94.8	70-130		%Rec	1	7/20/2021 2:42:42 AM	61386
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	7/20/2021 2:42:42 AM	61386
Toluene	ND	0.049		mg/Kg	1	7/20/2021 2:42:42 AM	61386
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2021 2:42:42 AM	61386
Xylenes, Total	ND	0.097		mg/Kg	1	7/20/2021 2:42:42 AM	61386
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	7/20/2021 2:42:42 AM	61386

Lab ID: 2107837-002 **Collection Date:** 7/14/2021 11:40:00 AM
Client Sample ID: HA7-2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	140	60		mg/Kg	20	7/22/2021 6:09:27 AM	61462
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/20/2021 7:39:54 PM	61405
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/20/2021 7:39:54 PM	61405
Surr: DNOP	106	70-130		%Rec	1	7/20/2021 7:39:54 PM	61405
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2021 3:06:06 AM	61386
Surr: BFB	95.5	70-130		%Rec	1	7/20/2021 3:06:06 AM	61386
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	7/20/2021 3:06:06 AM	61386
Toluene	ND	0.049		mg/Kg	1	7/20/2021 3:06:06 AM	61386
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2021 3:06:06 AM	61386
Xylenes, Total	ND	0.097		mg/Kg	1	7/20/2021 3:06:06 AM	61386
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	7/20/2021 3:06:06 AM	61386

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	Value above quantitation range
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		

Analytical Report
Lab Order: **2107837**
Date Reported: **7/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	GHD Midland	**Lab Order:**	2107837
Project:	Kent BSK 1H		

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107837**

23-Jul-21

Client: GHD Midland

Project: Kent BSK 1H

Sample ID: **MB-61462**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **61462**	RunNo: **79956**							
Prep Date: **7/21/2021**	Analysis Date: **7/22/2021**	SeqNo: **2813957**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-61462**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **61462**	RunNo: **79956**							
Prep Date: **7/21/2021**	Analysis Date: **7/22/2021**	SeqNo: **2813958**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.4	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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107837**

23-Jul-21

Client: GHD Midland

Project: Kent BSK 1H

Sample ID: **MB-61405**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **61405**	RunNo: **79945**
Prep Date: **7/19/2021**	Analysis Date: **7/20/2021**	SeqNo: **2813316** 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	10		10.00		101	70	130			

Sample ID: **LCS-61405**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **61405**	RunNo: **79945**
Prep Date: **7/19/2021**	Analysis Date: **7/20/2021**	SeqNo: **2813318** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	80.2	68.9	141			
Surr: DNOP	4.6		5.000		91.9	70	130			

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107837**

23-Jul-21

Client: GHD Midland

Project: Kent BSK 1H

Sample ID: **mb-61362**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **61362**	RunNo: **79883**
Prep Date: **7/15/2021**	Analysis Date: **7/19/2021**	SeqNo: **2810954** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	970		1000		96.5	70	130			

Sample ID: **lcs-61362**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **61362**	RunNo: **79883**
Prep Date: **7/15/2021**	Analysis Date: **7/19/2021**	SeqNo: **2810955** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		107	70	130			

Sample ID: **mb-61386**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **61386**	RunNo: **79883**
Prep Date: **7/17/2021**	Analysis Date: **7/20/2021**	SeqNo: **2810968** 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	940		1000		94.1	70	130			

Sample ID: **lcs-61386**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **61386**	RunNo: **79883**
Prep Date: **7/17/2021**	Analysis Date: **7/19/2021**	SeqNo: **2810969** 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	96.5	78.6	131			
Surr: BFB	1100		1000		110	70	130			

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107837**

23-Jul-21

Client: GHD Midland

Project: Kent BSK 1H

Sample ID: **mb-61362**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBS**	Batch ID: **61362**	RunNo: **79883**							
Prep Date: **7/15/2021**	Analysis Date: **7/19/2021**	SeqNo: **2811008**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.99		1.000		98.8	70	130			

Sample ID: **LCS-61362**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **LCSS**	Batch ID: **61362**	RunNo: **79883**							
Prep Date: **7/15/2021**	Analysis Date: **7/19/2021**	SeqNo: **2811009**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: **mb-61386**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBS**	Batch ID: **61386**	RunNo: **79883**							
Prep Date: **7/17/2021**	Analysis Date: **7/20/2021**	SeqNo: **2811025**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		99.2	70	130			

Sample ID: **LCS-61386**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **LCSS**	Batch ID: **61386**	RunNo: **79883**							
Prep Date: **7/17/2021**	Analysis Date: **7/19/2021**	SeqNo: **2811026**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	97.7	80	120			
Toluene	0.98	0.050	1.000	0	97.8	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.8	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
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: **2107837** RcptNo: **1**

Received By: **Cheyenne Cason** **7/16/2021 7:40:00 AM**

Completed By: **Isaiah Ortiz** **7/16/2021 9:18:59 AM**

Reviewed By: KPG 7/16/21

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 ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
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 ☐	

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: JR 7/16/21

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	3.4	Good	Not Present			

1 of 1

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 5-Day

Project Name: Kent BSK #1H

Project #: 11229794

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: X Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.4-0=3.4

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. 2107837	BTEX / MTBE / TMB's (8021)	TRH: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 Method 300
071421	1130	S	HA7-S	Jar		001	X	X									X
↓	1140	↓	HA7-2	↓		002	X	X									X

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
071521	0800	Zach Comino				
7/15/21	1900				7/15/21	800
				Courier	7/16/21	0740

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.

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.

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

August 03, 2021

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

RE: Kent BSK 1H OrderNo.: 2107D77

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 8 sample(s) on 7/28/2021 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 **2107D77**
Date Reported: **8/3/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP1-2
Project: Kent BSK 1H
Collection Date: 7/26/2021 8:20:00 AM
Lab ID: 2107D77-001 **Matrix:** SOIL **Received Date:** 7/28/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	2500	150		mg/Kg	50	8/2/2021 8:03:18 AM	61667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	15	9.3		mg/Kg	1	7/29/2021 7:33:46 PM	61629
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/29/2021 7:33:46 PM	61629
Surr: DNOP	88.1	70-130		%Rec	1	7/29/2021 7:33:46 PM	61629
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/29/2021 6:18:00 PM	61624
Surr: BFB	103	70-130		%Rec	1	7/29/2021 6:18:00 PM	61624
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	7/29/2021 6:18:00 PM	61624
Toluene	ND	0.050		mg/Kg	1	7/29/2021 6:18:00 PM	61624
Ethylbenzene	ND	0.050		mg/Kg	1	7/29/2021 6:18:00 PM	61624
Xylenes, Total	ND	0.099		mg/Kg	1	7/29/2021 6:18:00 PM	61624
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	7/29/2021 6:18:00 PM	61624

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	Value above quantitation range
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		

Analytical Report
Lab Order **2107D77**
Date Reported: **8/3/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP1-8
Project: Kent BSK 1H
Collection Date: 7/26/2021 8:40:00 AM
Lab ID: 2107D77-002 **Matrix:** SOIL **Received Date:** 7/28/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**VP**
Chloride	20000	1500		mg/Kg	500	8/2/2021 8:15:43 AM	61667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/29/2021 7:45:49 PM	61629
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/29/2021 7:45:49 PM	61629
Surr: DNOP	89.1	70-130		%Rec	1	7/29/2021 7:45:49 PM	61629
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**mb**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/29/2021 6:38:00 PM	61624
Surr: BFB	108	70-130		%Rec	1	7/29/2021 6:38:00 PM	61624
EPA METHOD 8021B: VOLATILES						Analyst:	**mb**
Benzene	ND	0.023		mg/Kg	1	7/29/2021 6:38:00 PM	61624
Toluene	ND	0.046		mg/Kg	1	7/29/2021 6:38:00 PM	61624
Ethylbenzene	ND	0.046		mg/Kg	1	7/29/2021 6:38:00 PM	61624
Xylenes, Total	ND	0.093		mg/Kg	1	7/29/2021 6:38:00 PM	61624
Surr: 4-Bromofluorobenzene	93.3	70-130		%Rec	1	7/29/2021 6:38:00 PM	61624

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	Value above quantitation range
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		

Analytical Report
Lab Order **2107D77**
Date Reported: **8/3/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP1-16
Project: Kent BSK 1H
Collection Date: 7/26/2021 9:10:00 AM
Lab ID: 2107D77-003 **Matrix:** SOIL **Received Date:** 7/28/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	17000	600		mg/Kg	200	8/2/2021 8:28:09 AM	61667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/29/2021 7:57:43 PM	61629
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/29/2021 7:57:43 PM	61629
Surr: DNOP	89.3	70-130		%Rec	1	7/29/2021 7:57:43 PM	61629
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/29/2021 6:58:00 PM	61624
Surr: BFB	106	70-130		%Rec	1	7/29/2021 6:58:00 PM	61624
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	7/29/2021 6:58:00 PM	61624
Toluene	ND	0.049		mg/Kg	1	7/29/2021 6:58:00 PM	61624
Ethylbenzene	ND	0.049		mg/Kg	1	7/29/2021 6:58:00 PM	61624
Xylenes, Total	ND	0.097		mg/Kg	1	7/29/2021 6:58:00 PM	61624
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	7/29/2021 6:58:00 PM	61624

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	Value above quantitation range
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		

Analytical Report
Lab Order **2107D77**
Date Reported: **8/3/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP1-20
Project: Kent BSK 1H
Collection Date: 7/26/2021 9:25:00 AM
Lab ID: 2107D77-004 **Matrix:** SOIL **Received Date:** 7/28/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**VP**
Chloride	12000	600		mg/Kg	200	8/2/2021 8:40:33 AM	61667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/29/2021 8:09:49 PM	61629
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/29/2021 8:09:49 PM	61629
Surr: DNOP	84.9	70-130		%Rec	1	7/29/2021 8:09:49 PM	61629
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**mb**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/29/2021 7:18:00 PM	61624
Surr: BFB	101	70-130		%Rec	1	7/29/2021 7:18:00 PM	61624
EPA METHOD 8021B: VOLATILES						Analyst:	**mb**
Benzene	ND	0.025		mg/Kg	1	7/29/2021 7:18:00 PM	61624
Toluene	ND	0.050		mg/Kg	1	7/29/2021 7:18:00 PM	61624
Ethylbenzene	ND	0.050		mg/Kg	1	7/29/2021 7:18:00 PM	61624
Xylenes, Total	ND	0.099		mg/Kg	1	7/29/2021 7:18:00 PM	61624
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	7/29/2021 7:18:00 PM	61624

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	Value above quantitation range
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		

Analytical Report
Lab Order **2107D77**
Date Reported: **8/3/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP2-2
Project: Kent BSK 1H
Collection Date: 7/26/2021 9:40:00 AM
Lab ID: 2107D77-005 **Matrix:** SOIL **Received Date:** 7/28/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	160	60		mg/Kg	20	7/30/2021 4:59:30 PM	61667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/29/2021 8:21:42 PM	61629
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/29/2021 8:21:42 PM	61629
Surr: DNOP	86.2	70-130		%Rec	1	7/29/2021 8:21:42 PM	61629
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/29/2021 7:38:00 PM	61624
Surr: BFB	101	70-130		%Rec	1	7/29/2021 7:38:00 PM	61624
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	7/29/2021 7:38:00 PM	61624
Toluene	ND	0.049		mg/Kg	1	7/29/2021 7:38:00 PM	61624
Ethylbenzene	ND	0.049		mg/Kg	1	7/29/2021 7:38:00 PM	61624
Xylenes, Total	ND	0.099		mg/Kg	1	7/29/2021 7:38:00 PM	61624
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	7/29/2021 7:38:00 PM	61624

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	Value above quantitation range
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		

Analytical Report
Lab Order **2107D77**
Date Reported: **8/3/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP2-6
Project: Kent BSK 1H
Collection Date: 7/26/2021 9:50:00 AM
Lab ID: 2107D77-006 **Matrix:** SOIL **Received Date:** 7/28/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**VP**
Chloride	14000	600		mg/Kg	200	8/2/2021 8:52:58 AM	61667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**SB**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/29/2021 8:33:41 PM	61629
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/29/2021 8:33:41 PM	61629
Surr: DNOP	90.0	70-130		%Rec	1	7/29/2021 8:33:41 PM	61629
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**mb**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/29/2021 7:58:00 PM	61624
Surr: BFB	105	70-130		%Rec	1	7/29/2021 7:58:00 PM	61624
EPA METHOD 8021B: VOLATILES						Analyst:	**mb**
Benzene	ND	0.024		mg/Kg	1	7/29/2021 7:58:00 PM	61624
Toluene	ND	0.048		mg/Kg	1	7/29/2021 7:58:00 PM	61624
Ethylbenzene	ND	0.048		mg/Kg	1	7/29/2021 7:58:00 PM	61624
Xylenes, Total	ND	0.096		mg/Kg	1	7/29/2021 7:58:00 PM	61624
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1	7/29/2021 7:58:00 PM	61624

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	Value above quantitation range
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		

Analytical Report
Lab Order **2107D77**
Date Reported: **8/3/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP2-14
Project: Kent BSK 1H
Collection Date: 7/26/2021 10:05:00 AM
Lab ID: 2107D77-007 **Matrix:** SOIL **Received Date:** 7/28/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	16000	1500		mg/Kg	500	8/2/2021 9:05:23 AM	61667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/29/2021 8:45:41 PM	61629
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/29/2021 8:45:41 PM	61629
Surr: DNOP	84.1	70-130		%Rec	1	7/29/2021 8:45:41 PM	61629
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/29/2021 8:18:00 PM	61624
Surr: BFB	98.7	70-130		%Rec	1	7/29/2021 8:18:00 PM	61624
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	7/29/2021 8:18:00 PM	61624
Toluene	ND	0.049		mg/Kg	1	7/29/2021 8:18:00 PM	61624
Ethylbenzene	ND	0.049		mg/Kg	1	7/29/2021 8:18:00 PM	61624
Xylenes, Total	ND	0.098		mg/Kg	1	7/29/2021 8:18:00 PM	61624
Surr: 4-Bromofluorobenzene	90.2	70-130		%Rec	1	7/29/2021 8:18:00 PM	61624

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	Value above quantitation range
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		

Analytical Report
Lab Order **2107D77**
Date Reported: **8/3/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland
Client Sample ID: TP2-20
Project: Kent BSK 1H
Collection Date: 7/26/2021 10:25:00 AM
Lab ID: 2107D77-008 **Matrix:** SOIL **Received Date:** 7/28/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	12000	600		mg/Kg	200	8/2/2021 9:17:48 AM	61667
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/29/2021 8:57:38 PM	61629
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/29/2021 8:57:38 PM	61629
Surr: DNOP	88.4	70-130		%Rec	1	7/29/2021 8:57:38 PM	61629
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/29/2021 8:38:00 PM	61624
Surr: BFB	99.0	70-130		%Rec	1	7/29/2021 8:38:00 PM	61624
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	7/29/2021 8:38:00 PM	61624
Toluene	ND	0.050		mg/Kg	1	7/29/2021 8:38:00 PM	61624
Ethylbenzene	ND	0.050		mg/Kg	1	7/29/2021 8:38:00 PM	61624
Xylenes, Total	ND	0.099		mg/Kg	1	7/29/2021 8:38:00 PM	61624
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	7/29/2021 8:38:00 PM	61624

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	Value above quantitation range
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		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107D77**

03-Aug-21

Client: GHD Midland

Project: Kent BSK 1H

Sample ID: **MB-61667** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **61667** RunNo: **80201**

Prep Date: **7/30/2021** Analysis Date: **7/30/2021** SeqNo: **2825340** Units: **mg/Kg**

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

Sample ID: **LCS-61667** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **61667** RunNo: **80201**

Prep Date: **7/30/2021** Analysis Date: **7/30/2021** SeqNo: **2825341** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.4	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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107D77**

03-Aug-21

Client: GHD Midland

Project: Kent BSK 1H

Sample ID: **LCS-61630**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **61630**	RunNo: **80161**
Prep Date: **7/28/2021**	Analysis Date: **7/29/2021**	SeqNo: **2822988** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.6		5.000		113	70	130			

Sample ID: **MB-61630**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **61630**	RunNo: **80161**
Prep Date: **7/28/2021**	Analysis Date: **7/29/2021**	SeqNo: **2822989** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	12		10.00		117	70	130			

Sample ID: **MB-61629**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **61629**	RunNo: **80169**
Prep Date: **7/28/2021**	Analysis Date: **7/29/2021**	SeqNo: **2824531** 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	8.5		10.00		84.8	70	130			

Sample ID: **LCS-61629**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **61629**	RunNo: **80169**
Prep Date: **7/28/2021**	Analysis Date: **7/29/2021**	SeqNo: **2824532** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.3	68.9	141			
Surr: DNOP	3.9		5.000		78.5	70	130			

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2107D77**
03-Aug-21

Client: GHD Midland
Project: Kent BSK 1H

Sample ID: **mb-61624** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **61624** RunNo: **80168**
Prep Date: **7/28/2021** Analysis Date: **7/29/2021** SeqNo: **2824279** 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		112	70	130			

Sample ID: **lcs-61624** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **61624** RunNo: **80168**
Prep Date: **7/28/2021** Analysis Date: **7/29/2021** SeqNo: **2824283** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	110	78.6	131			
Surr: BFB	1100		1000		114	70	130			

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2107D77**
03-Aug-21

Client: GHD Midland
Project: Kent BSK 1H

Sample ID: **mb-61624**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBS**	Batch ID: **61624**	RunNo: **80168**							
Prep Date: **7/28/2021**	Analysis Date: **7/29/2021**	SeqNo: **2824322**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.94		1.000		94.1	70	130			

Sample ID: **lcs-61624**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **LCSS**	Batch ID: **61624**	RunNo: **80168**							
Prep Date: **7/28/2021**	Analysis Date: **7/29/2021**	SeqNo: **2824324**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	97.6	80	120			
Toluene	0.99	0.050	1.000	0	98.5	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.9	80	120			
Xylenes, Total	3.0	0.10	3.000	0	100	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.2	70	130			

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
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: **2107D77** RcptNo: **1**

Received By: **Cheyenne Cason** **7/28/2021 7:30:00 AM** CM

Completed By: **Desiree Dominguez** **7/28/2021 8:16:54 AM** DD

Reviewed By: KPG 7/28/21

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: TME 7.28.21

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	0.9	Good				

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 5-day

Project Name: Kent BSK #1H

Project #: 1122794

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: X Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.0 -0.1 =0.9

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. 2107077	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 MeHod 300
07/26/21	0820	S	TP1-2	Jar		-001	X	X									X
	0840		TP1-8			-002											
	0910		TP1-16			-003											
	0925		TP1-20			-004											
	0940		TP2-2			-005											
	0950		TP2-6			-006											
	1005		TP2-14			-007											
	1025		TP2-20			-008											

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
07/27/21	0800	Zach Comino				
7/27/21	1900				7/27/21	800
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
				COW	7/28/21	0730

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.

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.

Incident ID	nAPP2116636311
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: 8/31/21

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

OCD Only

Received by: Robert Hamlet Date: 1/20/2022

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

Signature: Robert Hamlet Date: 1/20/2022

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 45798

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 45798
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All contaminated soil in the top 4 ft must meet the strictest closure criteria standards. In the pasture area, 4 feet below the ground surface, soil contamination limits revert back to Table 1 standards for proven depth to water determination. Floor samples will need to have closure samples below 20,000 mg/kg for chlorides. Please make sure all sidewall samples are delineated to 600 mg/kg for chlorides to define the edge of the release. Please collect confirmation samples, representing no more than 200 ft2.	1/20/2022