Draft for Review

February 10, 2021 Reference No. 11222059

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

Attn: Mr. Robert Hamlet

Re: EOG Resources Inc. – Site Characterization and Remediation Plan
Scripps #4
Incident # NRM2030860417
API # 30-015-24880
Unit M-Sec 25 T18S-R26E, Eddy County, New Mexico

1. Introduction

GHD Services Inc. (GHD), on behalf of EOG Resources-Artesia Division (EOG), submits this Site Characterization Report and Remediation Plan (Plan) to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Plan provides documentation of the Initial Response, confirmation sampling and analysis, site Assessment and Characterization and remedial activities to date in the affected area at the EOG Scripps #4 Release Site (Site). The Site is located in Unit Letter M, Section 25 of Township 18 South, Range 26 East in Eddy County, New Mexico (Figure 1). The GPS coordinates for the release area are 33.71318N latitude and 104.34202 W longitude. The surface owner of the land where the release occurred is private landowner. The sample locations and other Site details are depicted on Figure 2.

2. Background Information

The release was assigned Incident Number NRM2030860417 and is discussed below:

- Incident # NRM2030860417 was discovered on October 16, 2020, and a C-141 initial report was submitted to the NMOCD. The C-141 stated the release was caused when a transfer pump failure caused 210 barrel (bbl) produced water tank to overflow. Approximately 7 bbl of produced water were released with 3 bbl fluids being recovered.

The Initial Form C-141 is attached in Appendix A.

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 (19.15.29.12). The release falls under the jurisdiction of the NMOCD District 2 in Artesia, New Mexico.

GHD
2135 South Loop 250 West Midland Texas 79703 USA
T 432 686 0086 F 432 686 0186 W www.ghd.com

A groundwater wells listed on New Mexico Office of the State Engineer (NMOSE) database, located approximately 0.4 miles from the Site was noted with a depth to water of 55 feet below ground surface (ft bgs). According to the site characterization evaluation, no other receptors (water wells, playas, watercourse, wetlands, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site.

The Site characterization documentation (NMOSE water well maps, Federal Emergency Management Agency (FEMA) and Wetlands maps) are provided in Appendix B. Based on depth to groundwater (51 ft to 100 ft), closure criteria are listed below:

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft.)
Moderate Karst Potential Area	51 to 100 feet

Delineation and Closure Criteria

Table 1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

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

TPH = Total Petroleum Hydrocarbons GRO = Gasoline Range Organics
DRO = Diesel Range Organics MRO = Motor oil Range Organics
BTEX = benzene, toluene, ethylbenzene, xylenes mg/kg = milligrams per kilogram

4. Soil Assessment Summary and Findings

EOG conducted an Initial Response action in early November 2020 removing the produced water tank and excavating visually impacted soils to a depth of 1 to 5 ft bgs. The excavation resulted in a maximum excavated depth of approximately 5 ft at the south end, tapering uniformly to about 1 foot at the north end (see Appendix C-Photo Log 1). Approximately 100 cubic yards (cy) of impacted soils were excavated and hauled off-Site to a licensed disposal facility. GHD conducted confirmation sampling of the Initial Response collecting composite samples from the sidewalls and bottom of the excavation on December 17, 2020. Samples were composited from areas representing 200 square feet or less. Six samples from the bottom of the excavation (B-1 through B-6) and three sidewall samples (SW-1 through SW-3) were collected (see Figure 2). Soil samples were analyzed for TPH by EPA Method 8015; for BTEX by EPA method 8021; and for chlorides by EPA Method 300 by Envirotech Laboratory.

Total TPH concentration were not found to be above closure criteria any of the bottom or sidewall locations sampled.

Laboratory results indicate that the chloride result at sidewall sample location SW-1 was above the closure criteria of 10,000 mg/kg, at a concentration of 13,700 mg/kg. Laboratory results are summarized on Table 1, attached to this report. Full laboratory analytical reports are included as Appendix D.

5. Remediation Plan - NRM2030860417

EOG and GHD propose to conduct further soil delineation and remediation at the Site based on the results of the Initial Response excavation and associated confirmation sampling activities performed to date. Approximately 100 cy of impacted soils have been removed from the Site and disposed to date. EOG proposes to further excavate with a backhoe along the east wall, in the area of SW-1, to assess the horizontal extent of chloride impacts in excess of closure criteria. Field screening will be used to guide the excavation. A laboratory confirmation sample will be collected from the sidewall area once field screening concentrations appear to be below criteria. The confirmation sample collected will be submitted for laboratory analysis of BTEX, TPH and chlorides as described above.

Once Closure Criteria goals have been achieved, clean, imported soils as prescribed and approved by the NMOCD, will be used to backfill the excavation. A standard 20-millimeter plastic liner will be placed prior to reinstallation of equipment. The removal of impacted soils, backfilling with clean imported material and placement of a plastic liner will provide a remedial alternative that will prevent leaching of any impacted soils left in place to groundwater in the event of any future release and will be protective of human health and the environment.

EOG will submit a supplemental report once final limits of excavation of sidewalls is complete with confirmation soil sampling data. Sample locations will be shown on a scaled map with GPS coordinates provided. Work will be scheduled within 2 weeks of approval by NMOCD of this Remediation Plan. A Final Form C-141 is presented as Appendix E.

If you have any questions or comments concerning this Site Characterization and Remediation Plan, please do not hesitate to contact our Albuquerque office at (505) 377-3920.

Sincerely,

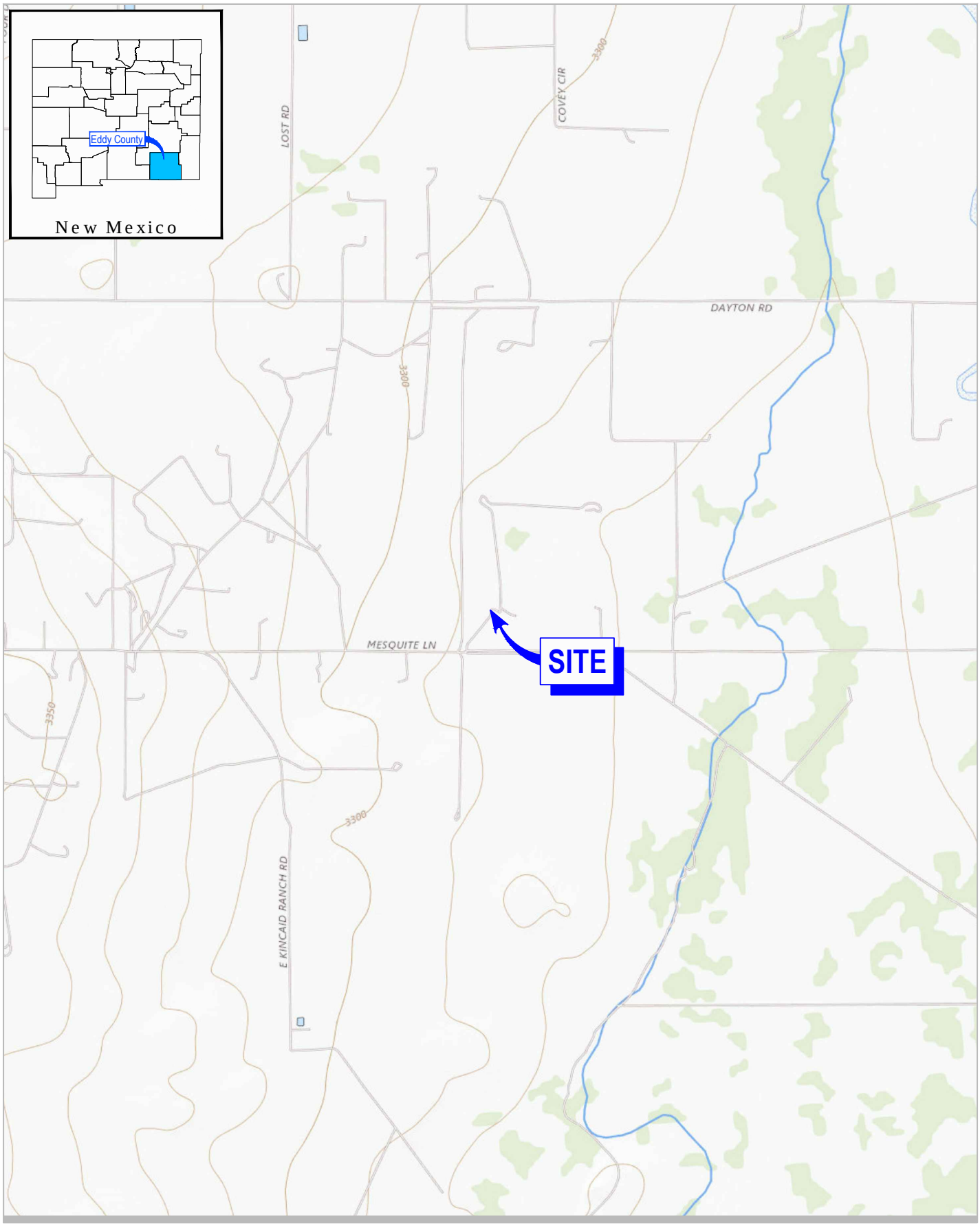
GHD

Jeff Walker
Senior Project Manager

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

Encl. Figure 1– Site Location Map
Figure 2 – Sample Location Map
Table 1 – Soil Analytical Summary
Appendix A – Initial Form C-141 for Incident # NRM2030860417
Appendix B – Site Characterization and Groundwater Documentation
Appendix C – Photo Log
Appendix D – Laboratory Analytical Reports and Chain-of-Custody Documentation
Appendix E – Final Form C-141 for Incident # NRM2030860417

Figures



0 1000 2000 ft

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

N

GHD

EOG RESOURCES
EDDY COUNTY, NEW MEXICO
SCRIPPS #4 BATTERY

Project No. **11222059**
Date **January 2021**

SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\11222059\Digital_Design\ACAD 2018\Figures\11222059(RPT-001)GN-DL001.dwg

Data Source: USGS 7.5 Minute Quad "Lake McMillan North, New Mexico"
Lat/Long: 32.713210° North, 104.342790° West

Sample ID	Depth (feet)	Date	Benzene	Total TPH	Chloride
SW-1	0-0.25	12/17/2020	<0.0250	<95	13,700
SW-2	0-0.25	12/17/2020	<0.0250	<95	8,930
SW-3	0-0.25	12/17/2020	<0.0250	923	5,530
B-1	0-0.5	12/17/2020	<0.0250	<95	8,000
B-2	0-0.5	12/17/2020	<0.0250	<95	5,290
B-3	0-0.5	12/17/2020	<0.0250	<95	1,330
B-4	0-0.5	12/17/2020	<0.0250	26.2	1,620
B-5	0-0.5	12/17/2020	<0.0250	<95	4,030
B-6	0-0.5	12/17/2020	<0.0250	1078	4,720
NMOCD Table 1 Closure Limits			10	2,500	10,000

LEGEND
- Indicates Side Wall Composite Sample
- Indicates Side Wall Composite Sample
- Approximate Excavation Limits

0 5 10 ft

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

N

GHD

EOG RESOURCES
EDDY COUNTY, NEW MEXICO
SCRIPPS #4 BATTERY

Project No. 11222059
Date February 2021

CONFIRMATION SAMPLE LOCATION MAP

FIGURE 2

Filename: \\ghdnetghd\US\Albuquerque\Projects\562\11222059\Digital_Design\ACAD 2018\Figures\11222059(RPT-001)GN-DL001.dwg

Data Source: Image © 2020 Google - Imagery Date: December 21, 2019
Lat/Long: 32.713210° North, 104.342790° West

Tables

Table 1
Sripps #4
Summary of Soil Analytical Data

Sample ID	Depth (feet)	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	TPH (GRO)	TPH (DRO)	TPH (ORO)	Total TPH	Chloride
SW-1	0-0.25	12/17/2020	<0.0250	<0.0250	<0.0250	<0.0250	<0.10	<20.0	<25.0	<50.0	<95	13,700
SW-2	0-0.25	12/17/2020	<0.0250	<0.0250	<0.0250	<0.0250	<0.10	<20.0	<25.0	<50.0	<95	8930
SW-3	0-0.25	12/17/2020	<0.0250	<0.0250	<0.0250	<0.0250	<0.10	<20.0	463	460	923	5530
B-1	0-0.5	12/17/2020	<0.0250	<0.0250	<0.0250	<0.0250	<0.10	<20.0	<25.0	<50.0	<95	8000
B-2	0-0.5	12/17/2020	<0.0250	<0.0250	<0.0250	<0.0250	<0.10	<20.0	<25.0	<50.0	<95	5290
B-3	0-0.5	12/17/2020	<0.0250	<0.0250	<0.0250	<0.0250	<0.10	<20.0	<25.0	<50.0	<95	1330
B-4	0-0.5	12/17/2020	<0.0250	<0.0250	<0.0250	<0.0250	<0.10	<20.0	26.2	<50.0	26.2	1620
B-5	0-0.5	12/17/2020	<0.0250	<0.0250	<0.0250	<0.0250	<0.10	<20.0	<25.0	<50.0	<95	4030
B-6	0-0.5	12/17/2020	<0.0250	<0.0250	<0.0250	<0.0250	<0.10	<20.0	582	496	1078	4720
NMOCD Table 1 Closure Limits			**10**	**Total BTEX: 50**				**GRO+DRO <1000/Total TPH: 2500**				**10,000**

Notes:
All sample results are in milligrams per kilogram
NMOCD = New Mexico Oil Conservation Division
Table 1 Closure Limits = In accordance with 19.15.29 Release Rule
BTEX =Benzene, Toluene, Ethylbenzene, Xylenes
TPH = Total Petroleum Hydrocarbons
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
ORO = (Motor) Oil Range Organics
Yellow Highlight = Exceeds Closure Criteria

Appendices

Appendix A
Initial Form C-141 for Incident #NRM2030860417

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

EOG Resources, Inc.	7377
Chase Settle	575-748-1471
Chase_Settle@eogresources.com	Incident # *(assigned by OCD)*
104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.71318 Longitude -104.34202
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Scripps #4	Site Type Battery
Date Release Discovered October 16, 2020	API# *(if applicable)* 30-015-24880

Unit Letter	Section	Township	Range	County
M	25	18S	26E	Eddy

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 7	Volume Recovered (bbls) 3
	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
Transfer pump failure caused a 210 bbl produced water tank to overflow.

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: Safety & Environmental Rep II

Signature: Chase Settle Date: 10-28-2020

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

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (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.

State of New Mexico
Oil Conservation Division

Incident ID	
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: _____ Title: _____

Signature:_____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

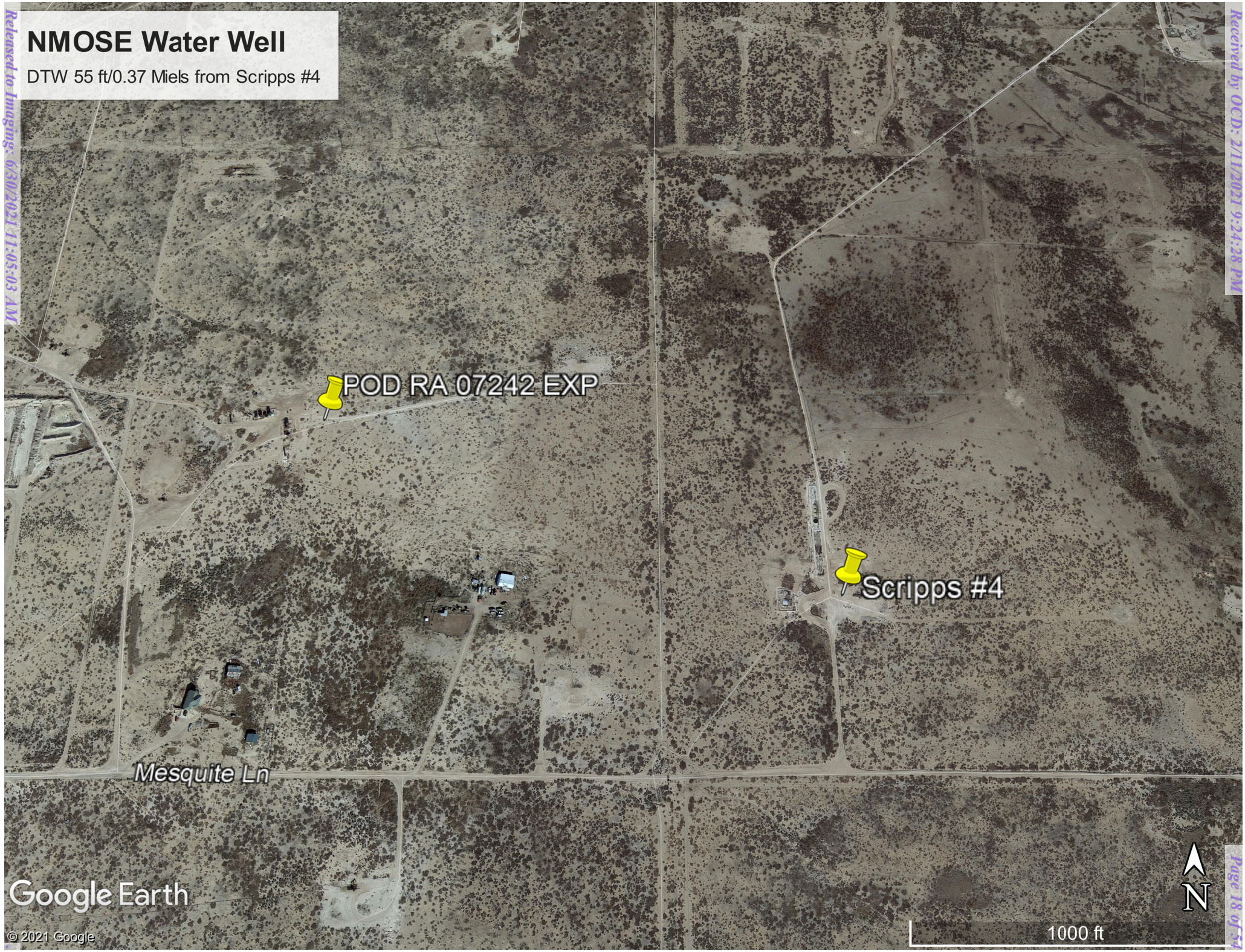
Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Appendix B
Site Characterization and Groundwater Documentation

NMOSE Water Well

DTW 55 ft/0.37 Miels from Scripps #4



New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	RA 07242 EXP		3	4	26	18S	26E	560863	3619682*

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

Driller License: 749 **Driller Company:** HUGHES, SAMUEL DALE

Driller Name:

Drill Start Date: 09/20/1983 **Drill Finish Date:** 10/30/1983 **Plug Date:**

Log File Date: 11/08/1983 **PCW Rcv Date:** **Source:** Shallow

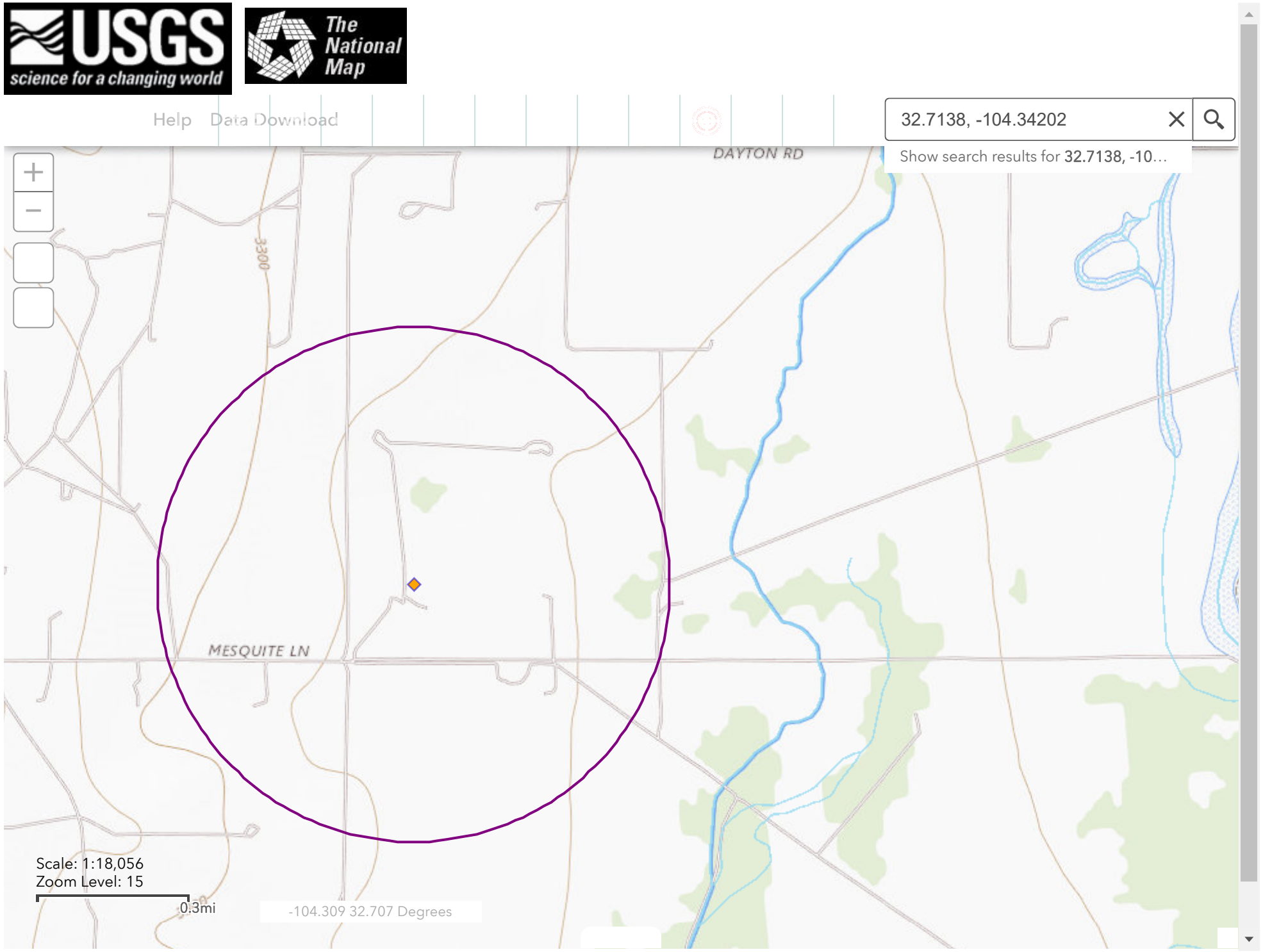
Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 40 GPM

Casing Size: 7.00 **Depth Well:** 102 feet **Depth Water:** 55 feet

Water Bearing Stratifications:	Top	Bottom	Description
	55	98	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	60	102

***UTM location was derived from PLSS - see Help**


USGS
science for a changing world
The National Map
Help
Data Download
32.7138, -104.34202
Show search results for 32.7138, -10...
DAYTON RD
3300
MESQUITE LN
Scale: 1:18,056
Zoom Level: 15
0.3mi
-104.309 32.707 Degrees

PIN
- Approximate location based on user input and does not represent an authoritative property location

MAP PANELS
- Selected FloodMap Boundary
- Digital Data Available
- No Digital Data Available
- Unmapped

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone D
- Otherwise Protected Area
- Coastal Barrier Resource System Area

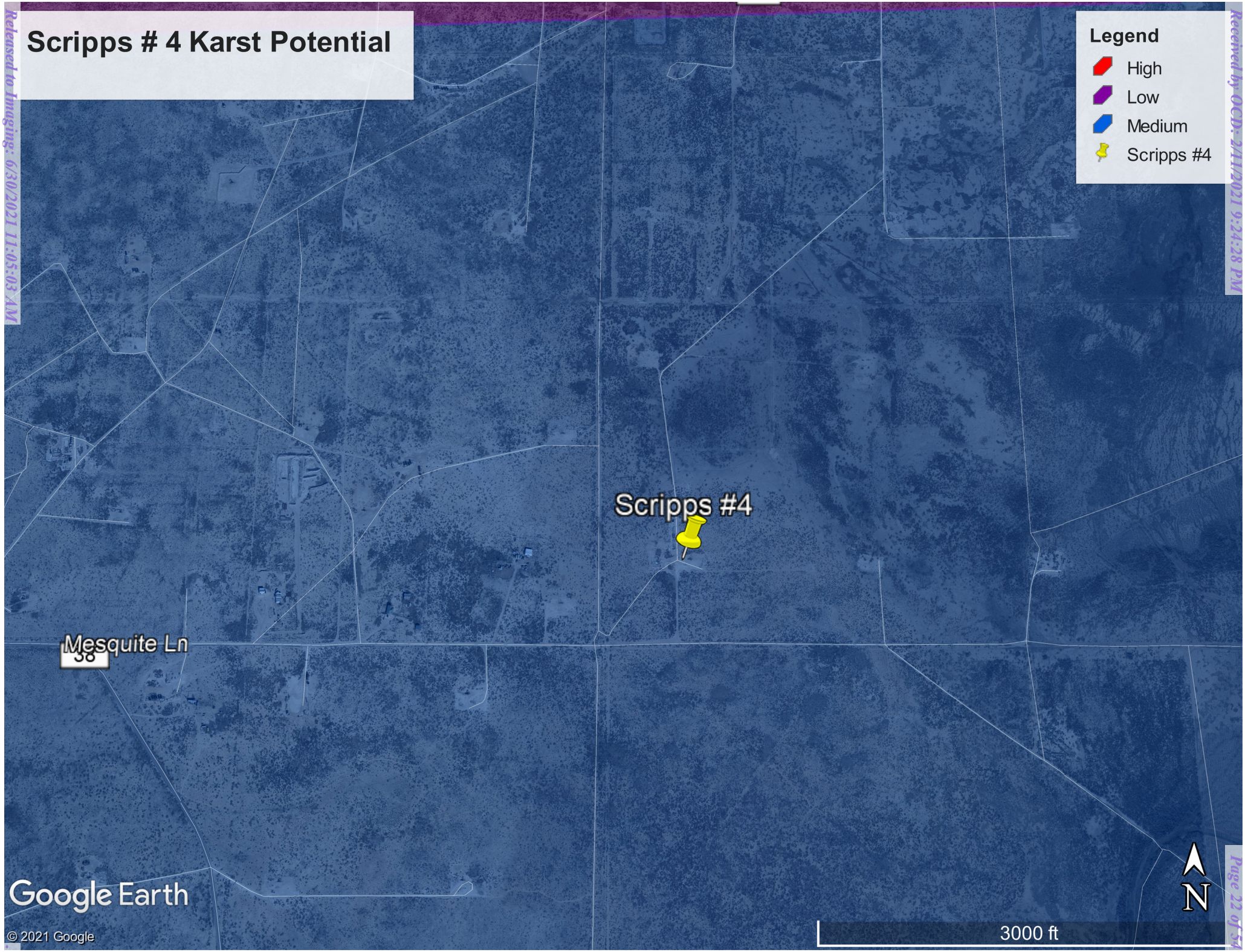
SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth
- Regulatory Floodway Zone AE, AO, AH, VE, AR

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

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

Scripps # 4 Karst Potential



Appendix C
Photo Log

Photo 1 View of Initial Response excavation looking southeast.

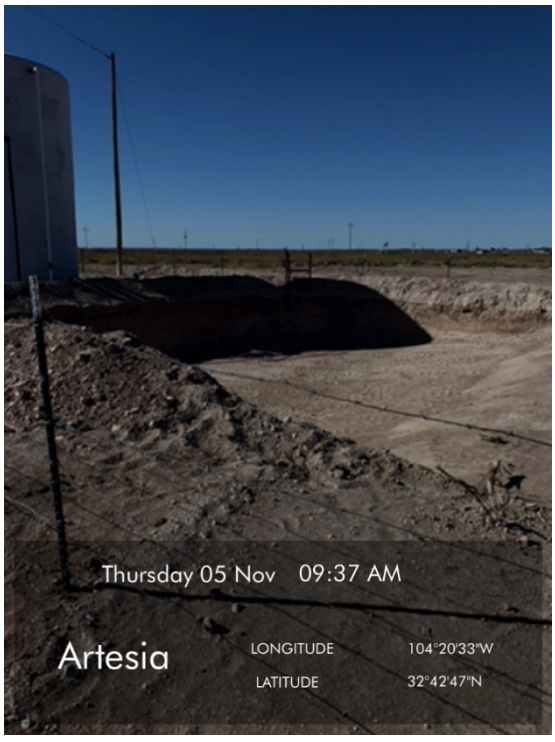


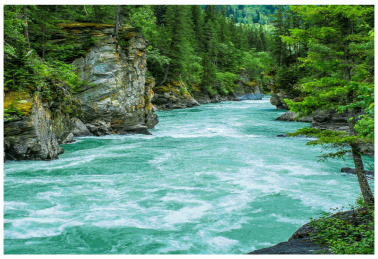
Photo 2 - View of Initial Response excavation looking west-southwest.

Site Photographs

Appendix D
Laboratory Analytical Reports and Chain-of-Custody Documentation

Report to:

Jeff Walker



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Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name:	EOG Scripps #4
Work Order:	E012067
Job Number:	19034-0001
Received:	12/18/2020

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/24/20

Date Reported: 12/24/20

Jeff Walker
6121 Indian School Rd. NE #200
Albuquerque, NM 87110

Project Name: EOG Scripps #4
Workorder: E012067
Date Received: 12/18/2020 11:00:00AM

Jeff Walker,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/18/2020 11:00:00AM, under the Project Name: EOG Scripps #4.

The analytical test results summarized in this report with the Project Name: EOG Scripps #4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Table of Contents

Sample Summary

GHD	Project Name:	EOG Scripps #4	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/20 12:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
B-1	E012067-01A	Soil	12/17/20	12/18/20	Glass Jar, 4 oz.
B-2	E012067-02A	Soil	12/17/20	12/18/20	Glass Jar, 4 oz.
B-3	E012067-03A	Soil	12/17/20	12/18/20	Glass Jar, 4 oz.
B-4	E012067-04A	Soil	12/17/20	12/18/20	Glass Jar, 4 oz.
B-5	E012067-05A	Soil	12/17/20	12/18/20	Glass Jar, 4 oz.
B-6	E012067-06A	Soil	12/17/20	12/18/20	Glass Jar, 4 oz.
SW-1	E012067-07A	Soil	12/17/20	12/18/20	Glass Jar, 4 oz.
SW-2	E012067-08A	Soil	12/17/20	12/18/20	Glass Jar, 4 oz.
SW-3	E012067-09A	Soil	12/17/20	12/18/20	Glass Jar, 4 oz.

Sample Data

GHD	Project Name:	EOG Scripps #4	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

B-1

E012067-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Benzene	ND	0.0250	1	12/23/20	12/23/20	
Toluene	ND	0.0250	1	12/23/20	12/23/20	
Ethylbenzene	ND	0.0250	1	12/23/20	12/23/20	
p,m-Xylene	ND	0.0500	1	12/23/20	12/23/20	
o-Xylene	ND	0.0250	1	12/23/20	12/23/20	
Total Xylenes	ND	0.0250	1	12/23/20	12/23/20	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*12/23/20*	*12/23/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/23/20	12/23/20	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*12/23/20*	*12/23/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2052014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/23/20	12/23/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/23/20	12/23/20	
Surrogate: n-Nonane		*87.2 %*	*50-200*	*12/23/20*	*12/23/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2052015
Chloride	**8000**	100	5	12/23/20	12/23/20	

Sample Data

GHD	Project Name:	EOG Scripps #4	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

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E012067-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Benzene	ND	0.0250	1	12/23/20	12/23/20	
Toluene	ND	0.0250	1	12/23/20	12/23/20	
Ethylbenzene	ND	0.0250	1	12/23/20	12/23/20	
p,m-Xylene	ND	0.0500	1	12/23/20	12/23/20	
o-Xylene	ND	0.0250	1	12/23/20	12/23/20	
Total Xylenes	ND	0.0250	1	12/23/20	12/23/20	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*12/23/20*	*12/23/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/23/20	12/23/20	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*12/23/20*	*12/23/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2052014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/23/20	12/23/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/23/20	12/23/20	
Surrogate: n-Nonane		*85.9 %*	*50-200*	*12/23/20*	*12/23/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2052015
Chloride	**5290**	100	5	12/23/20	12/23/20	

Sample Data

GHD	Project Name:	EOG Scripps #4	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

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E012067-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Benzene	ND	0.0250	1	12/23/20	12/23/20	
Toluene	ND	0.0250	1	12/23/20	12/23/20	
Ethylbenzene	ND	0.0250	1	12/23/20	12/23/20	
p,m-Xylene	ND	0.0500	1	12/23/20	12/23/20	
o-Xylene	ND	0.0250	1	12/23/20	12/23/20	
Total Xylenes	ND	0.0250	1	12/23/20	12/23/20	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*12/23/20*	*12/23/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/23/20	12/23/20	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/23/20*	*12/23/20*	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*12/23/20*	*12/23/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2052014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/23/20	12/23/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/23/20	12/23/20	
Surrogate: n-Nonane		*76.4 %*	*50-200*	*12/23/20*	*12/23/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2052015
Chloride	**1330**	100	5	12/23/20	12/23/20	

Sample Data

GHD	Project Name:	EOG Scripps #4	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

B-4

E012067-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Benzene	ND	0.0250	1	12/23/20	12/24/20	
Toluene	ND	0.0250	1	12/23/20	12/24/20	
Ethylbenzene	ND	0.0250	1	12/23/20	12/24/20	
p,m-Xylene	ND	0.0500	1	12/23/20	12/24/20	
o-Xylene	ND	0.0250	1	12/23/20	12/24/20	
Total Xylenes	ND	0.0250	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2052014
Diesel Range Organics (C10-C28)	**26.2**	25.0	1	12/23/20	12/23/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/23/20	12/23/20	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/23/20*	*12/23/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2052015
Chloride	**1620**	100	5	12/23/20	12/23/20	

Sample Data

GHD	Project Name:	EOG Scripps #4	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

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E012067-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Benzene	ND	0.0250	1	12/23/20	12/24/20	
Toluene	ND	0.0250	1	12/23/20	12/24/20	
Ethylbenzene	ND	0.0250	1	12/23/20	12/24/20	
p,m-Xylene	ND	0.0500	1	12/23/20	12/24/20	
o-Xylene	ND	0.0250	1	12/23/20	12/24/20	
Total Xylenes	ND	0.0250	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2052014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/23/20	12/23/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/23/20	12/23/20	
Surrogate: n-Nonane		*86.0 %*	*50-200*	*12/23/20*	*12/23/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2052015
Chloride	**4030**	100	5	12/23/20	12/23/20	

Sample Data

GHD	Project Name:	EOG Scripps #4	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

B-6

E012067-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Benzene	ND	0.0250	1	12/23/20	12/24/20	
Toluene	ND	0.0250	1	12/23/20	12/24/20	
Ethylbenzene	ND	0.0250	1	12/23/20	12/24/20	
p,m-Xylene	ND	0.0500	1	12/23/20	12/24/20	
o-Xylene	ND	0.0250	1	12/23/20	12/24/20	
Total Xylenes	ND	0.0250	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2052014
Diesel Range Organics (C10-C28)	**582**	125	5	12/23/20	12/23/20	
Oil Range Organics (C28-C35)	**496**	250	5	12/23/20	12/23/20	
Surrogate: n-Nonane		*102 %*	*50-200*	*12/23/20*	*12/23/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2052015
Chloride	**4720**	100	5	12/23/20	12/23/20	

Sample Data

GHD	Project Name:	EOG Scripps #4	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

SW-1

E012067-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Benzene	ND	0.0250	1	12/23/20	12/24/20	
Toluene	ND	0.0250	1	12/23/20	12/24/20	
Ethylbenzene	ND	0.0250	1	12/23/20	12/24/20	
p,m-Xylene	ND	0.0500	1	12/23/20	12/24/20	
o-Xylene	ND	0.0250	1	12/23/20	12/24/20	
Total Xylenes	ND	0.0250	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2052014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/23/20	12/23/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/23/20	12/23/20	
Surrogate: n-Nonane		*89.6 %*	*50-200*	*12/23/20*	*12/23/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2052015
Chloride	**13700**	100	5	12/23/20	12/23/20	

Sample Data

GHD	Project Name:	EOG Scripps #4	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

SW-2

E012067-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Benzene	ND	0.0250	1	12/23/20	12/24/20	
Toluene	ND	0.0250	1	12/23/20	12/24/20	
Ethylbenzene	ND	0.0250	1	12/23/20	12/24/20	
p,m-Xylene	ND	0.0500	1	12/23/20	12/24/20	
o-Xylene	ND	0.0250	1	12/23/20	12/24/20	
Total Xylenes	ND	0.0250	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2052014
Diesel Range Organics (C10-C28)	ND	25.0	1	12/23/20	12/23/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/23/20	12/23/20	
Surrogate: n-Nonane		*91.0 %*	*50-200*	*12/23/20*	*12/23/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2052015
Chloride	**8930**	100	5	12/23/20	12/23/20	

Sample Data

GHD	Project Name:	EOG Scripps #4	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

SW-3

E012067-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Benzene	ND	0.0250	1	12/23/20	12/24/20	
Toluene	ND	0.0250	1	12/23/20	12/24/20	
Ethylbenzene	ND	0.0250	1	12/23/20	12/24/20	
p,m-Xylene	ND	0.0500	1	12/23/20	12/24/20	
o-Xylene	ND	0.0250	1	12/23/20	12/24/20	
Total Xylenes	ND	0.0250	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2052019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/23/20	12/24/20	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/23/20*	*12/24/20*	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*12/23/20*	*12/24/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2052014
Diesel Range Organics (C10-C28)	**463**	125	5	12/23/20	12/24/20	
Oil Range Organics (C28-C35)	**460**	250	5	12/23/20	12/24/20	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/23/20*	*12/24/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2052015
Chloride	**5530**	100	5	12/23/20	12/23/20	

QC Summary Data

GHD	Project Name:	EOG Scripps #4	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2052019-BLK1)									Prepared: 12/23/20 Analyzed: 12/23/20
Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 1,2-Dichloroethane-d4	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.1*	*70-130*			
LCS (2052019-BS1)									Prepared: 12/23/20 Analyzed: 12/23/20
Benzene	2.40	0.0250	2.50		95.9	70-130			
Toluene	2.48	0.0250	2.50		99.3	70-130			
Ethylbenzene	2.54	0.0250	2.50		102	70-130			
p,m-Xylene	5.09	0.0500	5.00		102	70-130			
o-Xylene	2.55	0.0250	2.50		102	70-130			
Total Xylenes	7.64	0.0250	7.50		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Matrix Spike (2052019-MS1)				**Source: E012067-01**					Prepared: 12/23/20 Analyzed: 12/23/20
Benzene	2.27	0.0250	2.50	ND	91.0	48-131			
Toluene	2.32	0.0250	2.50	ND	92.8	48-130			
Ethylbenzene	2.38	0.0250	2.50	ND	95.2	45-135			
p,m-Xylene	4.76	0.0500	5.00	ND	95.1	43-135			
o-Xylene	2.41	0.0250	2.50	ND	96.2	43-135			
Total Xylenes	7.16	0.0250	7.50	ND	95.5	43-135			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2052019-MSD1)				**Source: E012067-01**					Prepared: 12/23/20 Analyzed: 12/23/20
Benzene	2.35	0.0250	2.50	ND	93.8	48-131	3.12	23	
Toluene	2.41	0.0250	2.50	ND	96.5	48-130	3.87	24	
Ethylbenzene	2.49	0.0250	2.50	ND	99.7	45-135	4.54	27	
p,m-Xylene	4.99	0.0500	5.00	ND	99.8	43-135	4.74	27	
o-Xylene	2.52	0.0250	2.50	ND	101	43-135	4.69	27	
Total Xylenes	7.51	0.0250	7.50	ND	100	43-135	4.72	27	
Surrogate: 1,2-Dichloroethane-d4	*0.525*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			

QC Summary Data

GHD	Project Name:	EOG Scripps #4	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2052019-BLK1)									Prepared: 12/23/20 Analyzed: 12/23/20
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1,2-Dichloroethane-d4	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.1*	*70-130*			
LCS (2052019-BS2)									Prepared: 12/23/20 Analyzed: 12/23/20
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*99.9*	*70-130*			
Matrix Spike (2052019-MS2)				**Source: E012067-01**					Prepared: 12/23/20 Analyzed: 12/23/20
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: Bromofluorobenzene	*0.499*		*0.500*		*99.7*	*70-130*			
Matrix Spike Dup (2052019-MSD2)				**Source: E012067-01**					Prepared: 12/23/20 Analyzed: 12/23/20
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.5	70-130	10.8	20	
Surrogate: 1,2-Dichloroethane-d4	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
Surrogate: Bromofluorobenzene	*0.499*		*0.500*		*99.8*	*70-130*			

QC Summary Data

GHD	Project Name:	EOG Scripps #4	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2052014-BLK1)									Prepared: 12/23/20 Analyzed: 12/23/20
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
Surrogate: n-Nonane	*46.5*		*50.0*		*92.9*	*50-200*			
LCS (2052014-BS1)									Prepared: 12/23/20 Analyzed: 12/23/20
Diesel Range Organics (C10-C28)	399	25.0	500		79.8	38-132			
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*50-200*			
Matrix Spike (2052014-MS1)				**Source: E012067-01**					Prepared: 12/23/20 Analyzed: 12/23/20
Diesel Range Organics (C10-C28)	420	25.0	500	ND	84.0	38-132			
Surrogate: n-Nonane	*45.1*		*50.0*		*90.2*	*50-200*			
Matrix Spike Dup (2052014-MSD1)				**Source: E012067-01**					Prepared: 12/23/20 Analyzed: 12/23/20
Diesel Range Organics (C10-C28)	434	25.0	500	ND	86.9	38-132	3.29	20	
Surrogate: n-Nonane	*42.8*		*50.0*		*85.7*	*50-200*			

QC Summary Data

GHD	Project Name:	EOG Scripps #4	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/2020 12:06:55PM

Anions by EPA 300.0/9056A

Analyst: NE

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2052015-BLK1)									Prepared: 12/23/20 Analyzed: 12/23/20
Chloride	ND	20.0							
LCS (2052015-BS1)									Prepared: 12/23/20 Analyzed: 12/23/20
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2052015-MS1)				**Source: E012067-01**					Prepared: 12/23/20 Analyzed: 12/23/20
Chloride	7280	100	250	8000	NR	80-120			M5
Matrix Spike Dup (2052015-MSD1)				**Source: E012067-01**					Prepared: 12/23/20 Analyzed: 12/23/20
Chloride	7990	100	250	8000	NR	80-120	9.21	20	M5

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

Definitions and Notes

GHD	Project Name:	EOG Scripps #4	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	12/24/20 12:06

M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Project Information | Chain of Custody | Page 1 of 1

Client:	GHD
Project:	EOG Scripps #4
Project Manager:	Jeff Walker
Address:	
City, State, Zip	Albuq
Phone:	505-377-3920
Email:	jeff.walker@ghd.com
Report due by:	

Bill To

Attention:	Bob Asher - EOG
Address:	104 S 4th
City, State, Zip	Artesia, NM 88210
Phone:	575-748-4217
Email:	robert_asher@eogresources.com

Lab Use Only

Lab WO#	Job Number
E0120607	19034000.1

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015 + GRO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
1240	12/17/20	Soil	1	B-1	1	X		X			X							
1245				B-2	2	X		X			X							
1250				B-3	3	X		X			X							
1255				B-4	4	X		X			X							
1300				B-5	5	X		X			X							
1305				B-6	6	X		X			X							
1315				SW-1	7	X		X			X							
1320				SW-2	8	X		X			X							
1325				SW-3	9	X		X			X							

Additional Instructions: CC: Christopher Knight on Report #GHD Proj# 11222059

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12/17/20	1508		12.17.2020	1508
	12.17.2020	1645		12/18/20	11:00

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 12/18/2020 12:49:34PM

Sample Receipt Checklist (SRC)

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

Client:	GHD	Date Received:	12/18/20 11:00	Work Order ID:	E012067
Phone:	(505) 884-0672	Date Logged In:	12/18/20 12:39	Logged In By:	Alexa Michaels
Email:	jeff.walker@ghd.com	Due Date:	12/24/20 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Email- Jeff Walker and Christopher Knight @ ghd.com

Client Instruction

Email- Jeff Walker and Christopher Knight

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

Date

envirotech Inc.

Appendix E
Final Form C-141 for Incident #NRM2030860417

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

EOG Resources, Inc.	7377
Chase Settle	575-748-1471
Chase_Settle@eogresources.com	Incident # *(assigned by OCD)*
104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.71318 Longitude -104.34202
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Scripps #4	Site Type Battery
Date Release Discovered October 16, 2020	API# *(if applicable)* 30-015-24880

Unit Letter	Section	Township	Range	County
M	25	18S	26E	Eddy

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 7	Volume Recovered (bbls) 3
	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
Transfer pump failure caused a 210 bbl produced water tank to overflow.

Form C-141
Page 2

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: Safety & Environmental Rep II

Signature: Chase Settle Date: 10-28-2020

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

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	55 (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	
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: _____ Title: _____

Signature:_____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

State of New Mexico
Oil Conservation Division

Incident ID	NRM2030860417
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.***

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☐ 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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Robert Hamlet Date: 6/30/2021

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

Signature: Robert Hamlet Date: 6/30/2021

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 17907

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	7377
	Action Number: 17907
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Workplan/Remediation Plan is approved with the following conditions: with the groundwater well 0.4 miles away showing groundwater at approximately 55', floor samples will need to be delineated/excavated to 10,000 mg/kg for chlorides, 2,500 mg/kg (GRO+DRO+MRO) or 1,000 mg/kg (GRO+DRO) for vertical delineation. Please make sure the edges/sidewalls are delineated to 600 mg/kg for chlorides and 100 mg/kg for TPH, defining the edge of the release and ensuring the release did not leave the pad. Please collect confirmation samples, representing no more than 200 ft2. If the C-141 Remediation Plan Page 5 is not signed/dated in the future, the report will be automatically denied.	6/30/2021