RANGER
ENVIRONMENTAL SERVICES, LLC

SITE ASSESSMENT AND REMEDIATION PLAN UPDATE

INEX #3
#NAPP2110635348
UNIT A, SECTION 26, TOWNSHIP 18S, RANGE 26E
EDDY COUNTY, NEW MEXICO
32.724228, -104.346278
RANGER REFERENCE NO. 5375

PREPARED FOR:

EOG RESOURCES, INC.
ARTESIA DIVISION
105 S 4TH STREET
ARTESIA, NEW MEXICO 88210

PREPARED BY:

RANGER ENVIRONMENTAL SERVICES, LLC
P.O. BOX 201179
AUSTIN, TEXAS 78720

NOVEMBER 17, 2022

Patrick K. Finn, P.G. (TX)
Project Geologist

William Kierdorf, REM
Project Manager

TABLE OF CONTENTS

1.0 SITE LOCATION AND BACKGROUND 1
2.0 VERTICAL DELINEATION UPDATE 2
2.1 Vertical Delineation Soil Borings 2
2.2 Additional Test Excavations 4
3.0 REMEDIATION PLAN 5

FORM C-141

FIGURES

- Topographic Map
- Area Map
- Additional Vertical Delineation Assessment Location Map

TABLES

- Site Assessment Soil Sample BTEX, TPH & Chloride Analytical Data

ATTACHMENTS

- Attachment 1 – Photographic Documentation
- Attachment 2 – Laboratory Analytical Report
- Attachment 3 – NMOCD Correspondence
- Attachment 4 – Soil Boring Logs

RANGER
ENVIRONMENTAL SERVICES, LLC

SITE ASSESSMENT AND REMEDIATION PLAN UPDATE
INEX #3
#NAPP2110635348
UNIT A, SECTION 26, TOWNSHIP 18S, RANGE 26E
EDDY COUNTY, NEW MEXICO
32.724228, -104.346278
RANGER REFERENCE NO. 5375

1.0 SITE LOCATION AND BACKGROUND

The Inex #3 well pad (Site) is located approximately 8.7 miles southeast of Artesia within Eddy County, New Mexico. The facility is situated in Unit A, Section 26, T18S-R26E at GPS coordinates 32.724228, -104.346278. During plugging and abandonment of the well at the Site, an area of concern related to an apparent unknown historic produced water spill was discovered in the vicinity of the well head location. To address the impacted soils, an area measuring approximately 85 feet by 60 feet was reportedly excavated to a depth of approximately three feet below ground surface (bgs) and then backfilled.

EOG Resources, Inc. (EOG) subsequently engaged Ranger Environmental Services, LLC (Ranger) to assist in the assessment and remediation of the site conditions. A "*Proposed Site Assessment Plan*" was developed, submitted, and received preliminary approval by the NMOCD on June 9, 2021. Following the completion of these proposed assessment activities, further assessment was deemed necessary, and a "*Project Update and Proposed Additional Assessment*" plan (dated July 14, 2021) was prepared to further assess the impacts at the Site.

On July 21 and 22, 2021, the additional assessment activities proposed in the July 14, 2021 plan were conducted at the site. The results of the July 2021 assessment activities were presented in the "*Site Assessment Update and Work Plan*" report (dated September 13, 2021). This report also contained a work plan for proposed additional horizontal and vertical delineation activities. The proposed activities were approved by the NMOCD on December 16, 2021. The NMOCD approval contained several conditions of approval, including the altering of the proposed background soil boring location. The approved work plan activities were subsequently completed in January-February 2022. The results of the January-February 2022 assessment activities were presented in the March 9, 2022 "*Site Assessment Update*" report.

In April 2022, a "*Proposed Remediation Plan*", dated April 26, 2022, (*Remediation Plan*) was prepared and submitted to the NMOCD. The *Remediation Plan* summarized the completed assessment efforts and detailed a proposed remedial strategy to address the conditions documented at the Site. Due to the extensive soil impacts at the Site, the proposed plan requested a variance to NMAC 19.15.29.12 to allow for limited soil removal operations and the installation of a 20 mil synthetic liner. On June 13, 2022, the NMOCD denied the remediation plan for reasons primarily concerning depth-to-groundwater in the area and requested the performance of additional vertical delineation activities to document the vertical extent of the site soil impacts.

In June and July 2022, Ranger personnel and representatives of EOG conducted additional vertical soil delineation activities at the Site. The results of these activities were summarized in Ranger's August 26, 2022 "*Site Update and Additional Assessment Plan*." As summarized in the report, further vertical delineation activities were determined to be necessary in order to delineate the site soil chloride concentrations to the 600 mg/Kg target concentration. As such, the report included a work plan for the installation of four additional test excavations and two additional soil borings at the Site. These proposed activities were completed at the site during September-October, 2022.

This report has been prepared to update the NMOCD with the findings of the September-October, 2022 vertical delineation activities. In addition, this report also respectfully requests NMOCD reconsideration of the usage of limited soil removal operations and the installation of a 20 mil synthetic liner for the remediation of the subject site since the vertical extent of the soil impacts at the site have now been delineated to 600 mg/Kg chloride prior to reaching groundwater.

A "*Topographic Map*" and "*Area Map*" are attached which illustrate the location of the subject site and surrounding areas. The attached "*Additional Vertical Delineation Assessment Location Map*" depicts the locations of the recent vertical delineation locations as well as the prior site sampling locations.

2.0 VERTICAL DELINEATION UPDATE

2.1 Vertical Delineation Soil Borings

Ranger's August 26, 2022 "*Site Update and Additional Assessment Plan*" included provisions to install two vertical delineation soil borings in the immediate vicinity of the "E-1.A(A)", "SE-2A(A)", and "SE-2-B(A)" test excavations which were completed during the June 30 and July 1, 2022 assessment activities. As detailed in the "*Site Update and Additional Assessment Plan",* dated August 26, 2022, the proposed soil borings were to be completed as groundwater monitoring wells if the vertical extent of the soil chloride impacts was not delineated prior to reaching groundwater.

On September 28, 2022, Ranger personnel and representatives for HCI Drilling arrived on-site to install the proposed soil borings ("SB-3/TW-1" and "SB-4/TW-2"). The attached "*Additional Vertical Delineation Assessment Location Map*" depicts the locations of the two soil borings. The drilling and sampling was conducted using an air rotary rig with a split spoon sampler.

Soil samples were continuously collected and monitored during the drilling process via soil cuttings and split spoon sampler. The generated soils were inspected and described by the on-site Ranger field geologist. Soil samples were collected via split spoon at approximate five-foot intervals and from the terminal depth of each boring for field screening and laboratory sampling purposes. The soils were screened utilizing an OVM and field chloride titration kit. The field readings were utilized to determine the appropriate depth of investigation, as well as to assist in the selection of soil samples for laboratory analysis.

During the drilling of soil boring "SB-3/TW-1", elevated field chloride readings were encountered from the surface to a depth of approximately 25 feet bgs where a field chloride reading of 600 mg/Kg was obtained. No elevated field chloride readings (in excess of 600 ppm) were encountered between 25 feet bgs and the terminal depth of the soil boring (32 feet bgs). In

addition, no significantly elevated field OVM readings were encountered during the “SB-3/TW-1” soil boring installation process.

While drilling soil boring “SB-4/TW-2” on September 28, 2022, elevated field chloride readings were encountered from the surface to a depth of approximately 32 feet bgs where the field readings indicated that the 600 mg/Kg delineation goal had nearly been attained. The drilling was halted, however, since a damp interval was noted in the soil boring just above an underlying caliche layer present at 32 feet. Due to the possibility that a perched water-bearing zone had been encountered overlying the caliche bed, the soil boring was converted to a temporary monitoring well, as was soil boring “SB-03/TW-1”, to confirm whether or not groundwater had been encountered. The temporary monitor wells were constructed using 2”-diameter Schedule 40 PVC with 20 feet of screen and riser pipe, and were allowed to equilibrate for one week. The wells were gauged with an electronic interface probe on September 30, 2022, October 3, 2022 and October 5, 2022 and were found to be dry thus confirming the absence of a perched water-bearing zone.

On October 5, 2022, after confirming the absence of shallow groundwater in the temporary monitoring wells, soil boring “SB-4” was re-entered after removing the temporary well casing in order to complete the vertical delineation of the soil chloride impacts. Upon reaching a depth of 33 feet bgs, the field chloride readings indicated that the 600 mg/Kg delineation goal had been achieved. As such, both soil borings/temporary wells were properly plugged and abandoned by HCI Drilling.

In order to confirm the field screening results and the attainment of the 600 mg/Kg vertical delineation goal, soil samples were collected from both soil borings for laboratory analysis. At the soil boring “SB-3/TW-1” location, samples for laboratory analysis were collected at depths of approximately 15 feet, 30 feet, and 32 feet bgs. At the soil boring “SB-4/TW-2” location, samples for laboratory analysis were collected at depths of approximately 20 feet, 30 feet, 32 feet, and 33 feet bgs.

Ranger personnel wore new latex or nitrile gloves while handling each soil sample in order to prevent cross-contamination of samples. The soil samples were containerized in sterile, laboratory-supplied containers, and were subsequently sealed in one or more zip lock bags and stored in a sample shuttle containing ice until arrival at the laboratory for chemical analysis. All sample containers were labeled with the project name, sample identification, date of sample collection, samplers’ initials, and the time the sample was collected. The samples were managed using standard QA/QC and chain-of-custody procedures.

Upon collection, the soil samples were submitted to Hall Environmental Laboratory in Albuquerque, New Mexico for analysis of total petroleum hydrocarbons (TPH) using EPA Method 8015; benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA Method 8021; and, total chloride using EPA Method 300. The analytical results for the soil testing are summarized in the attached analytical data table. Copies of the signed analytical reports, quality control documentation and chain-of-custody documentation for the soil samples are also attached.

The soil analytical results confirmed that the vertical extent of the soil chloride impacts in the two soil borings had been delineated to 600 mg/Kg prior to reaching groundwater. Both the 30’-deep and 32’-deep samples collected from soil boring “SB-3/TW-1” were found to contain chloride concentrations below 600 mg/Kg. In soil boring “SB-4/TW-2”, the 32’-deep soil sample was found to contain 670 mg/Kg chloride, which was just above the 600 mg/Kg delineation goal. However,

the sample collected from "SB-4/TW-2" at a depth of 33' bgs was found to contain 400 mg/Kg chloride which was well below the 600 mg/Kg delineation goal.

In summary, the soil boring investigation activities documented that the 600 mg/Kg vertical delineation goal had been achieved at depths of approximately 30'-33' bgs prior to encountering any groundwater.

All soil cuttings generated during the soil boring installation process were containerized in sealed and labeled 55-gallon metal drums and were stored on-site pending disposal in conjunction with the planned site remediation activities. Copies of the soil boring logs and photographic documentation for the installed soil borings are attached.

2.2 Additional Test Excavations

Ranger's August 26, 2022 "*Site Update and Additional Assessment Plan*" also included provisions to install and sample four additional test excavations to complete the vertical delineation of the soil chloride impacts in the area of prior test excavations "NE-3.B(A)", "E-1.D(A)", "ESE-1(A)", and "ESE-2.A." These test excavations had been documented to contain relatively minor exceedances of the 600 mg/Kg chloride target concentration at their terminal depths which ranged from 6'-12' bgs. The vertical delineation activities at these locations thus appeared to be achievable with earth moving equipment.

On October 24, 2022, Ranger personnel and representatives for EOG installed and sampled the four additional vertical delineation test trenches. The sampling locations are illustrated on the attached "*Additional Vertical Delineation Assessment Location Map*."

During the installation of the vertical delineation test excavations, Ranger personnel screened the soils with an organic vapor monitor (OVM) and a field chloride titration kit at one-foot intervals beginning at the depth at which the prior test excavations "NE-3.B(A)", "E-1.D(A)", "ESE-1(A)", and "ESE-2.A" had been halted. As summarized above, the terminal depth samples collected from these prior test excavations had documented that the vertical extent of the chloride impacts at those locations had not been delineated to 600 mg/Kg.

The October 24, 2022 vertical delineation test excavations were subsequently completed to depths (approximately 10'-14' bgs) where the field readings indicated that soil chloride concentrations were below 600 mg/Kg. Upon completion of the field screening process at each test excavation location, a minimum of two discrete grab soil samples were collected from each test excavation for laboratory analysis, including one from the terminal depth of each test excavation.

Ranger personnel wore new latex or nitrile gloves while handling each soil sample in order to prevent cross-contamination of samples. The soil samples were containerized in sterile, laboratory-supplied containers, and were subsequently sealed in one or more zip lock bags and stored in a sample shuttle containing ice until arrival at the laboratory for chemical analysis. All sample containers were labeled with the project name, sample identification, date of sample collection, samplers' initials, and the time the sample was collected.

Upon collection, the soil samples were submitted to Hall Environmental Laboratory in Albuquerque, New Mexico for analysis of TPH, BTEX and chlorides using Methods 8015, 8021 and 300, respectively. The samples were managed using standard QA/QC and chain-of-custody procedures. The analytical results for the soil testing are summarized in the attached analytical

data table. Copies of the signed analytical report, quality control documentation and chain-of-custody documentation for the soil samples are also attached.

The results of the soil testing documented that the 600 mg/Kg vertical delineation goal had been achieved at depths ranging from approximately 8'-14' bgs in test excavations "ESE-1(B)", "E-1-D(B)" and "ESE-2-A(A)". The vertical extent of the chloride impacts in test excavation "NE-3-B(B)" was not delineated to 600 mg/Kg chloride. The 13' bgs termination depth sample collected from this test excavation was documented to contain 760 mg/Kg chloride. It should be noted that the field chloride readings in this test excavation indicated that the 600 mg/Kg vertical delineation goal had been achieved at a depth of 11' bgs. As such, Ranger suspects that slough from the upper portions of this test excavation may have inadvertently been incorporated into the terminal depth soil sample.

Rather than proposing additional vertical delineation activities to delineate the vertical extent of the chloride impact in test excavation "NE-3-B(B)", Ranger believes that the cumulative site data is sufficient to reasonably assume that the relatively minor exceedance of the 600 mg/Kg chloride delineation goal in test excavation NE-3-B(B) at a depth of 13' bgs does not pose any threat to the underlying groundwater. Other site locations with much higher chloride concentrations than that documented to be present in test excavation "NE-3-B(B)" have now been vertically delineated to below 600 mg/Kg prior to encountering any groundwater. If for any reason, however, the NMOCD feels differently, then per NMOCD request the vertical extent of impact at this location will be delineated in conjunction with the proposed site remediation activities.

3.0 REMEDIATION PLAN

In April 2022, a "*Proposed Remediation Plan*" report (dated April 26, 2022) was prepared and submitted to the NMOCD. The plan detailed a proposed remedial strategy to address the conditions documented at the Site. Due to the extensive soil impacts at the Site, the proposed plan requested a variance to NMAC 19.15.29.12 to allow for limited soil removal operations and the installation of a 20 mil synthetic liner. On June 13, 2022, the NMOCD denied the remediation plan for reasons primarily concerning depth-to-groundwater in the area and requested the performance of additional vertical delineation activities to document the vertical extent of the site soil impacts.

Since the site soil impacts have now been vertically delineated and shown to decrease to below 600 mg/Kg prior to reaching groundwater, Ranger respectfully requests NMOCD reconsideration of the April 2022 "*Proposed Remediation Plan*" and approval of the usage of limited soil removal operations and the installation of a 20 mil synthetic liner for the remediation of the subject site.

FORM C-141

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	nAPP2110635348
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 32.72415 Longitude -104.34635
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Inex #3	Site Type Oil Well
Date Release Discovered 09/17/2019	API# *(if applicable)* 30-015-25916

Unit Letter	Section	Township	Range	County
A	26	18S	26E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☑ Private (*Name:* EOG Resources, Inc.)

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) Unknown	Volume Recovered (bbls) 0
	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 Historical impacts discovered during the P&A of the well. Release volume and date are unknown.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2110635348
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: 04/16/2021

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

OCD Only

Received by: Ramona Marcus
Date: 5/7/2021

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?	_____ (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: _____

State of New Mexico
Oil Conservation Division

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: _____

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 24325

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
EOG RESOURCES INC P.O. Box 2267 Midland, TX79702	7377	24325	C-141

OCD Reviewer	Condition
rmarcus	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2110635348
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?	<50’ (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	nAPP2110635348
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: 11/17/2022

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

OCD Only

Received by: Jocelyn Harimon Date: 01/06/2023

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2110635348
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

Variance requested per 19.15.29.14 NMAC to allow use of a liner as part of the Remediation Plan

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: 11/17/2022

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

OCD Only

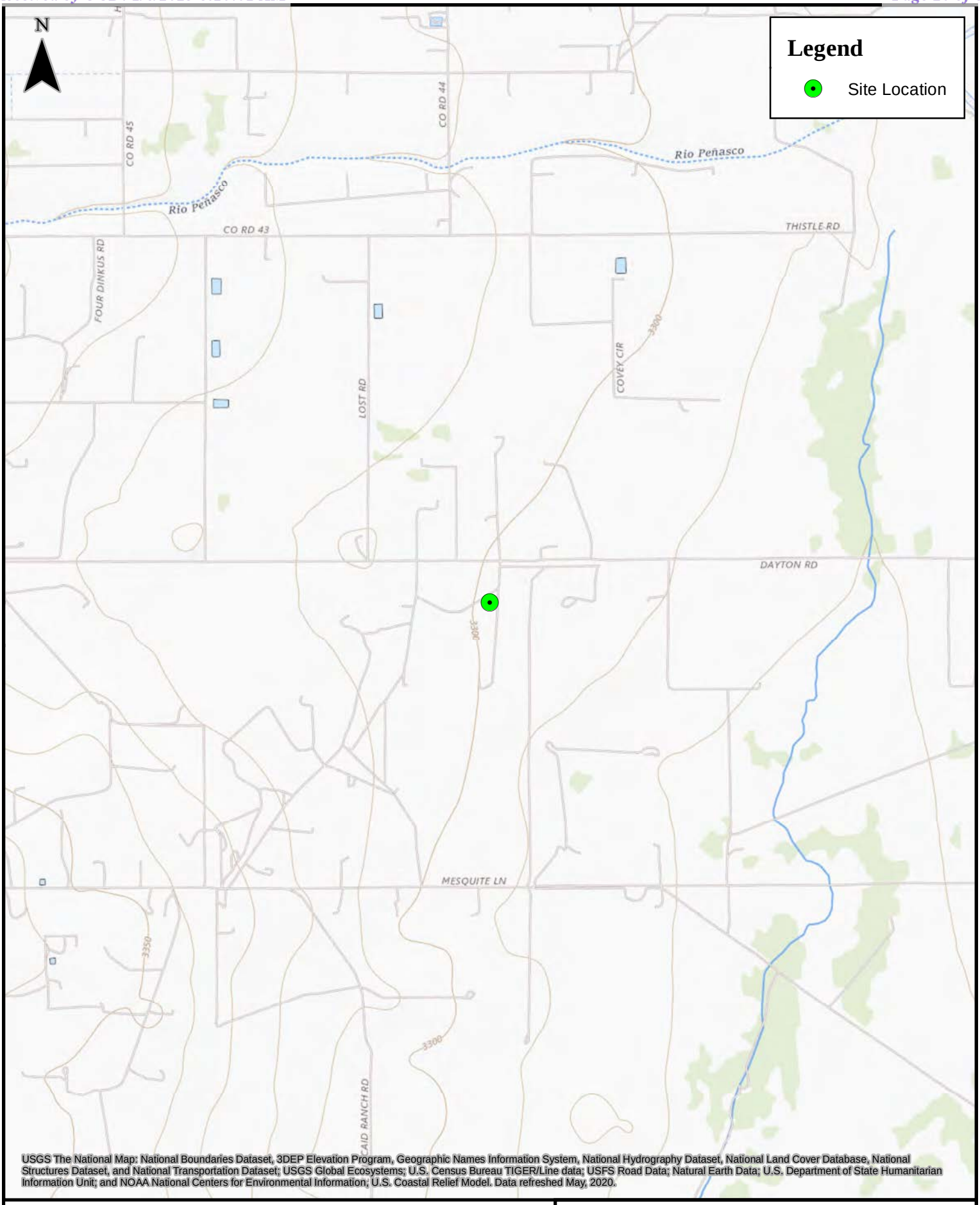
Received by: Jocelyn Harimon Date: 01/06/2023

- [ ] Approved
- [ ] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: _____ Date: _____

FIGURES

Topographic Map
Area Map
Additional Vertical Delineation Assessment Location Map



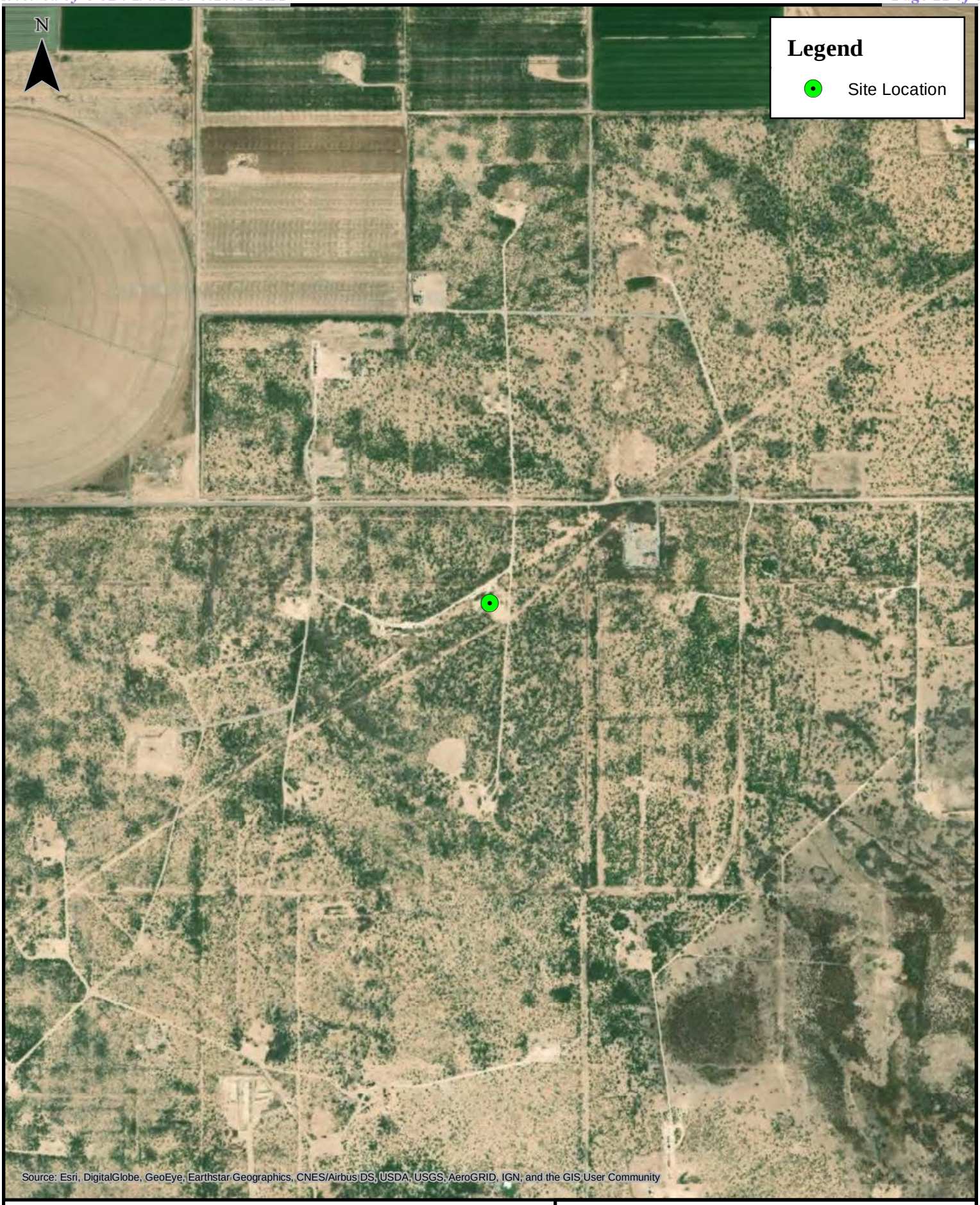
USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed May, 2020.

RANGER ENVIRONMENTAL SERVICES, INC.

0 600 1,200 2,400 3,600 4,800 Feet

1:24,000

Topographic Map
Inex #3
EOG Resources, Inc.



RANGER ENVIRONMENTAL SERVICES, INC.

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

1:10,000

Area Map
Inex #3
EOG Resources, Inc.

Legend

- Previously Excavated Area
- Vertical Assessment Location (06/30-07/01/2022)
- Soil Boring Location (2/2022)

Additional Vertical Assessment Location

- Soil Boring
- Test Excavation

06/16-17/2021 - Grab Sample Locations

- Grab Sample Location (<600 mg/Kg Cl)
- Grab Sample Location (>600 kg/Kg Cl)
- Composite Sample Location (>600 mg/Kg)

Sample Locations

- Horizontal Delineation Sample Location (>600 mg/Kg Cl)
- Horizontal Delineation Sample (<600 mg/Kg Cl)
- Vertical Delineation Sample Location (>600 mg/Kg Cl)
- Vertical Delineation Sample Location (<600 mg/Kg Cl)

Approximate Boundary of Soil Exceeding 600 mg/Kg

- Approximate Boundary of Soil >600 mg/Kg Cl*

NNE-2.B
N-1.E.B
N-1.NE
NNE-1.A
NNE-2.A
N-1.E.A(A)
N-1.E.A
N-1.N
N-1.E
N-1.1
NE-1.A
NNE-1
NNE-2
NNE-2(A)
NE-2.A
NE-3.B(A)
NE-3-B(B)
NE-3.F
NE-3.G
NE-3.E(A)
NE-3.E
NE-3.D
NE-3.B
NE-3.A
SB-2
C-2.1
SB-1
F-4.1
SW-1.A
E-2.1
E-1.1
E-1.A(A)
E-1.A
ESE-1-N.2
ESE-1-N.1
ESE-1-N
ESE-1-N.1(A)
SE-2.1
SB-4
E-1.B
SE-2A(A)
SE-2.A
SB-3
SW-3.A
E-1.C(A)
E-1.C
ESE-1
ESE-1(A)
ESE-1(B)
SE-1.A
SE-2-B(A)
SE-2.B
E-1.D(A)
SSW-2
ESE-1-S
E-1-D(B)
E-1.D
ESE-1-S.1
SE-1.B
SSW-1
E-1.E
SE-2.C
ESE-2
SE-1.C
SSE-1
ESE-2.C
SSE-2
ESE-2.A
ESE-2.A(A)
ESE-2-A(A)
SSE-1.A
ESE-2.B

NOTES:
1.ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
2.AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
3.AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
Image Source: Google Earth (Image Date 12/2019)

RANGER ENVIRONMENTAL SERVICES, INC.

0 15 30 60 90 120 Feet

1:525

N

Additional Vertical Delineation Assessment Location Map
Inex #3
EOG Resources, Inc.

TABLES

Site Assessment Soil Sample BTEX, TPH
& Chloride Analytical Data

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
Initial Site Assessment Grid Sample Locations (Composite) : July 16 & 17, 2021													
A-1/0'	6/17/2021	0'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.5	<47	<14.5	<61.5	450
A-1/1'	6/17/2021	1'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.3	<46	<14.2	<60.2	190
A-1/2'	6/17/2021	2'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.6	<48	<14.4	<62.4	120
A-1/3'	6/17/2021	3'	<0.023	<0.047	<0.047	<0.093	<0.21	<4.7	<9.9	<50	<14.6	<64.6	<60
A-1/4'	6/17/2021	4'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.6	<48	<14.4	<62.4	<61
A-2/0'	6/17/2021	0'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.2	<46	<14.2	<60.2	780
A-2/1'	6/17/2021	1'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.5	<47	<14.4	<61.4	410
A-2/2'	6/17/2021	2'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.6	<48	<14.4	<62.4	380
A-2/3'	6/17/2021	3'	<0.023	<0.047	<0.047	<0.093	<0.21	<4.7	<9.8	<49	<14.5	<63.5	310
A-2/4'	6/17/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.7	<49	<14.6	<63.6	71
A-3/0'	6/17/2021	0'	<0.024	<0.047	<0.047	<0.095	<0.213	<4.7	<9.8	<49	<14.5	<63.5	340
A-3/1'	6/17/2021	1'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.4	<47	<14.2	<61.2	430
A-3/2'	6/17/2021	2'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.9	<50	<14.8	<64.8	230
A-3/3'	6/17/2021	3'	<0.023	<0.046	<0.046	<0.093	<0.208	<4.6	<10	<50	<14.6	<64.6	74
A-3/4'	6/17/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.222	<4.9	<9.8	<49	<14.7	<63.7	<60
A-4/0'	6/17/2021	0'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.3	<46	<14.2	<60.2	420
A-4/1'	6/17/2021	1'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9	<45	<13.9	<58.9	700
A-4/2'	6/17/2021	2'	<0.024	<0.049	<0.049	<0.098	<0.22	<4.9	<9.4	<47	<14.3	<61.3	260
A-4/3'	6/17/2021	3'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.5	<47	<14.3	<61.3	<59
A-4/4'	6/17/2021	4'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.9	<50	<14.7	<64.7	<59
B-1/0'	6/17/2021	0'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.7	<49	<14.7	<63.7	460
B-1/1'	6/17/2021	1'	<0.025	<0.049	<0.049	<0.098	<0.222	<4.9	<9.6	<48	<14.5	<62.5	260
B-1/2'	6/17/2021	2'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.4	<47	<14.4	<61.4	69
B-1/3'	6/17/2021	3'	<0.025	<0.049	<0.049	<0.098	<0.222	<4.9	<9.6	<48	<14.5	<62.5	<60
B-1/4'	6/17/2021	4'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.4	<47	<14.4	<61.4	<60
B-2/0'	6/17/2021	0'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.4	<47	<14.4	<61.4	240
B-2/1'	6/17/2021	1'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.7	<49	<14.6	<63.6	370
B-2/2'	6/17/2021	2'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	62	110	62	172	610

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
B-2/3'	6/17/2021	3'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.6	<48	<14.5	<62.5	71
B-2/4'	6/17/2021	4'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.7	<49	<14.7	<63.7	<60
B-3/0'	6/17/2021	0'	<0.025	<0.05	<0.05	<0.099	<0.224	<5.0	<9.7	<49	<14.7	<63.7	1,800
B-3/1'	6/17/2021	1'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.7	<49	<14.6	<63.6	1,700
B-3/2'	6/17/2021	2'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.5	<47	<14.5	<61.5	2,200
B-3/3'	6/17/2021	3'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.5	<48	<14.5	<62.5	2,400
B-3/4'	6/17/2021	4'	<0.024	<0.049	<0.049	<0.098	<0.22	<4.9	<9.6	<48	<14.5	<62.5	2,600
B-4/0'	6/17/2021	0'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.3	<46	<14.3	<60.3	140
B-4/1'	6/17/2021	1'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.5	<48	<14.4	<62.4	640
B-4/2'	6/17/2021	2'	<0.025	<0.049	<0.049	<0.098	<0.222	<4.9	<9.7	<48	<14.6	<62.6	660
B-4/3'	6/17/2021	3'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.7	<49	<14.6	<63.6	770
B-4/4'	6/17/2021	4'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.4	<47	<14.3	<61.3	1,300
C-1/0'	6/17/2021	0'	<0.025	<0.049	<0.049	<0.098	<0.222	<4.9	<9.7	<48	<14.6	<62.6	110
C-1/1'	6/17/2021	1'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.8	<49	<14.7	<63.7	1,300
C-1/2'	6/17/2021	2'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.7	<48	<14.6	<62.6	2,300
C-1/3'	6/17/2021	3'	<0.025	<0.049	<0.049	<0.098	<0.222	<4.9	<10	<50	<14.9	<64.9	1,500
C-1/4'	6/17/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.222	<4.9	<10	<50	<14.9	<64.9	1,200
C-2/0'	6/17/2021	0'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.7	<48	<14.6	<62.6	140
C-2/1'	6/17/2021	1'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	100	130	100	230	1,300
C-2/2'	6/17/2021	2'	<0.025	<0.049	<0.049	<0.098	<0.222	<4.9	54	120	54	174	660
C-2/3'	6/17/2021	3'	<0.025	<0.050	<0.050	<0.099	<0.224	<5	56	120	56	176	1,000
C-2/4'	6/17/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.222	<4.9	130	230	130	360	1,400
C-3/0'	6/17/2021	0'	<0.025	<0.050	<0.050	<0.10	<0.225	<50	54	230	54	284	850
C-3/1'	6/17/2021	1'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.6	<48	<14.4	<62.4	1,000
C-3/2'	6/17/2021	2'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.8	<49	<14.8	<63.8	1,600
C-3/3'	6/17/2021	3'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.5	<47	<14.5	<61.5	2,000
C-3/4'	6/17/2021	4'	<0.024	<0.049	<0.049	<0.098	<0.22	<4.9	<9	<45	<13.9	<58.9	2,200
C-4/0'	6/17/2021	0'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.8	<49	<14.8	<63.8	130

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
C-4/1'	6/17/2021	1'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.8	<49	<14.8	<63.8	740
C-4/2'	6/17/2021	2'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.4	<47	<14.3	<61.3	810
C-4/3'	6/17/2021	3'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.8	<49	<14.7	<63.7	460
C-4/4'	6/17/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.9	<49	<14.7	<63.7	420
D-1/0'	6/16/2021	0'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.5	<47	<14.5	<61.5	770
D-1/1'	6/16/2021	1'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.3	<47	<14.2	<61.2	1,400
D-1/2'	6/16/2021	2'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.8	<49	<14.7	<63.7	1,100
D-1/3'	6/16/2021	3'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.9	<50	<14.9	<64.9	1,100
D-1/4'	6/16/2021	4'	<0.024	<0.049	<0.049	<0.098	<0.220	<4.9	<9.0	<45	<13.9	<58.9	820
D-2/0'	6/16/2021	0'	<0.024	<0.049	<0.049	<0.098	<0.220	<4.9	<9.8	<49	<14.7	<63.7	550
D-2/1'	6/16/2021	1'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.7	<48	<13.7	<62.7	350
D-2/2'	6/16/2021	2'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.7	<48	<14.6	<62.6	200
D-2/3'	6/16/2021	3'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.5	<47	<14.4	<61.4	<60
D-2/4'	6/16/2021	4'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.3	<47	<14.2	<61.2	<60
D-3/0'	6/16/2021	0'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.3	<47	<14.3	<61.3	710
D-3/1'	6/16/2021	1'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<10	<50	<14.9	<64.9	790
D-3/2'	6/16/2021	2'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.6	<48	<14.6	<62.6	810
D-3/3'	6/16/2021	3'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.3	<46	<13.3	<60.3	900
D-3/4'	6/16/2021	4'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.7	<48	<13.7	<62.7	850
D-4/0'	6/16/2021	0'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<8.8	<44	<13.7	<57.7	74
D-4/1'	6/16/2021	1'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.5	<48	<14.5	<62.5	1,000
D-4/2'	6/16/2021	2'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.3	<46	<14.2	<60.2	1,400
D-4/3'	6/16/2021	3'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.7	<49	<14.7	<63.7	1,600
D-4/4'	6/16/2021	4'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.7	<49	<14.6	<63.6	1,500
E-1/0'	6/16/2021	0'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.7	<49	<14.7	<63.7	170
E-1/1'	6/16/2021	1'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.3	<47	<14.3	<61.3	2,200
E-1/2'	6/16/2021	2'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.6	<48	<14.5	<62.5	76
E-1/3'	6/16/2021	3'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<8.9	<44	<13.8	<57.8	140
E-1/4'	6/16/2021	4'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.7	<48	<14.6	<62.6	180

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
E-2/0'	6/16/2021	0'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<8.8	<44	<13.7	<57.7	580
E-2/1'	6/16/2021	1'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<10	<50	<14.9	<64.9	3,900
E-2/2'	6/16/2021	2'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.1	<46	<13.9	<59.9	4,500
E-2/3'	6/16/2021	3'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.3	<47	<14.2	<61.2	5,000
E-2/4'	6/16/2021	4'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.7	<49	<14.7	<63.7	5,100
E-3/0'	6/16/2021	0'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.4	<47	<14.3	<61.3	300
E-3/1'	6/16/2021	1'	<0.024	<0.049	<0.049	<0.098	<0.220	<4.9	<9.9	<49	<14.8	<63.8	3,100
E-3/2'	6/16/2021	2'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.5	<47	<14.4	<61.4	4,400
E-3/3'	6/16/2021	3'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.6	<48	<14.4	<62.4	4,900
E-3/4'	6/16/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.6	<48	<14.5	<62.5	4,700
E-4/0'	6/16/2021	0'	<0.025	<0.050	<0.050	<0.10	<0.225	<5	<9.5	<48	<14.5	<62.5	270
E-4/1'	6/16/2021	1'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.5	<47	<14.4	<61.4	2,900
E-4/2'	6/16/2021	2'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.7	<48	<14.7	<62.7	3,600
E-4/3'	6/16/2021	3'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<8.5	<43	<13.4	<56.4	3,200
E-4/4'	6/16/2021	4'	<0.024	<0.049	<0.049	<0.098	<0.220	<4.9	<9.4	<47	<14.3	<61.3	4,200
F-1/0'	6/16/2021	0'	<0.023	<0.046	<0.046	<0.091	<0.203	<4.6	<9.6	<48	<14.2	<62.2	150
F-1/1'	6/16/2021	1'	<0.023	<0.046	<0.046	<0.091	<0.203	<4.6	<9.8	<49	<14.4	<63.4	1,100
F-1/2'	6/16/2021	2'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<8.9	<45	<13.7	<58.7	3,500
F-1/3'	6/16/2021	3'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.3	<47	<14.1	<61.1	2,900
F-1/4'	6/16/2021	4'	<0.023	<0.047	<0.047	<0.093	<0.210	<4.7	<9.5	<48	<14.2	<62.2	4,200
F-2/0'	6/16/2021	0'	<0.023	<0.047	<0.047	<0.093	<0.210	<4.7	<9.6	<48	<14.3	<62.3	120
F-2/1'	6/16/2021	1'	<0.023	<0.046	<0.046	<0.093	<0.208	<4.6	<9.5	<47	<14.1	<61.1	1,500
F-2/2'	6/16/2021	2'	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	<9.2	<46	<13.8	<59.8	1,100
F-2/3'	6/16/2021	3'	<0.023	<0.047	<0.047	<0.093	<0.210	<4.7	<9.0	<45	<13.7	<58.7	3,100
F-2/4'	6/16/2021	4'	<0.024	<0.048	<0.048	<0.095	<0.215	<4.8	<8.7	<43	<13.5	<56.5	2,500
F-3/0'	6/16/2021	0'	<0.024	<0.047	<0.047	<0.095	<0.213	<4.7	<9.8	<49	<14.5	<63.5	290
F-3/1'	6/16/2021	1'	<0.023	<0.047	<0.047	<0.093	<0.210	<4.7	<9.5	<47	<14.2	<61.2	720
F-3/2'	6/16/2021	2'	<0.024	<0.048	<0.048	<0.095	<0.215	<4.8	<9.8	<49	<14.6	<63.6	690

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
F-3/3'	6/16/2021	3'	<0.024	<0.048	<0.048	<0.095	<0.215	<4.8	84	350	84	434	1,400
F-3/4'	6/16/2021	4'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.7	55	<14.7	55	820
F-4/0'	6/16/2021	0'	<0.023	<0.046	<0.046	<0.093	<0.208	<4.6	<9.8	<49	<14.4	<63.4	210
F-4/1'	6/16/2021	1'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<10	<50	<14.8	<64.8	3,100
F-4/2'	6/16/2021	2'	<0.024	<0.047	<0.047	<0.095	<0.213	<4.7	22	51	22	73	5,400
F-4/3'	6/16/2021	3'	<0.024	<0.047	<0.047	<0.095	<0.213	<4.7	130	200	130	330	6,000
F-4/4'	6/16/2021	4'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.6	<48	<14.6	<62.6	6,100
G-1/0'	6/16/2021	0'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.5	<47	<14.4	<61.4	170
G-1/1'	6/16/2021	1'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.9	<49	<14.8	<63.8	4,000
G-1/2'	6/16/2021	2'	<0.023	<0.046	<0.046	<0.093	<.208	<4.6	<10	<50	<14.6	<64.6	5,100
G-1/3'	6/16/2021	3'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.8	<49	<14.8	<63.8	4,400
G-1/4'	6/16/2021	4'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.7	<49	<14.5	<63.5	4,700
G-2/0'	6/16/2021	0'	<0.024	<0.048	<0.048	<0.095	<0.215	<4.8	<9.6	<48	<14.4	<62.4	1,000
G-2/1'	6/16/2021	1'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.5	<48	<14.4	<62.4	850
G-2/2'	6/16/2021	2'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.9	<49	<14.7	<63.7	4,300
G-2/3'	6/16/2021	3'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<10	<50	<14.8	<64.8	5,400
G-2/4'	6/16/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.8	<49	<14.6	<63.6	5,100
Initial Site Assessment Grab sample locations : July 16, 2021													
W-1/0'	6/16/2021	0'	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	10	65	10	76	61
W-1/1'	6/16/2021	1'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.9	<50	<14.8	<64.8	<60
W-1/2'	6/16/2021	2'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.9	<50	<14.9	<64.9	160
W-1/3'	6/16/2021	3'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.0	<45	<13.8	<58.8	330
W-1/4'	6/16/2021	4'	<0.023	<0.047	<0.047	<0.093	<0.210	<4.7	<10	<50	<14.7	<64.7	580
NW-1/0'	6/16/2021	0'	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	<9.1	<45	<13.7	<58.7	170
NW-1/1'	6/16/2021	1'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.6	<48	<14.4	<62.4	130
NW-1/2'	6/16/2021	2'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<10	<50	<14.8	<64.8	<60
NW-1/3'	6/16/2021	3'	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	<9.9	<49	<14.5	<63.5	<59
NW-1/4'	6/16/2021	4'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.8	<49	<14.8	<63.8	99

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
NW-2/0'	6/16/2021	0'	<0.024	<0.049	<0.049	<0.098	<0.220	<4.9	<9.3	<47	<14.2	<61.2	93
NW-2/1'	6/16/2021	1'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.3	<47	<14.2	<61.2	250
NW-2/2'	6/16/2021	2'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.9	<49	<14.8	<63.8	<60
NW-2/3'	6/16/2021	3'	<0.024	<0.049	<0.049	<0.097	<0.220	<4.9	<9.2	<46	<14.1	<60.1	<60
NW-2/4'	6/16/2021	4'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<8.6	<43	<13.6	<56.6	65
N-1/0'	6/16/2021	0'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.6	<48	<14.5	<62.5	99
N-1/1'	6/16/2021	1'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<8.7	<43	<13.5	<56.5	130
N-1/2'	6/16/2021	2'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.4	<47	<14.3	<61.3	440
N-1/3'	6/16/2021	3'	<0.025	<0.049	<0.049	<0.10	<0.223	<5.0	<9.5	<48	<14.5	<62.5	500
N-1/4'	6/16/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.5	<48	<14.4	<62.4	720
NE-1/0'	6/16/2021	0'	<0.024	<0.048	<0.048	<0.097	<0.216	<4.8	<8.4	<42	<13.2	<55.2	<60
NE-1/1'	6/16/2021	1'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<10	<50	<14.9	<64.9	390
NE-1/2'	6/16/2021	2'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.7	<48	<14.6	<62.6	770
NE-1/3'	6/16/2021	3'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.2	<46	<14.2	<60.2	220
NE-1/4'	6/16/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.5	<48	<14.3	<62.3	180
NE-2/0'	6/16/2021	0'	<0.025	<0.050	<0.050	<0.10	<0.225	5.0	10	50	<15.0	<65.0	150
NE-2/1'	6/16/2021	1'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.2	<46	<14.0	<60.0	730
NE-2/2'	6/16/2021	2'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<10	<51	<14.8	<65.8	500
NE-2/3'	6/16/2021	3'	<0.024	<0.047	<0.047	<0.094	<0.212	<4.7	<9.9	<50	<14.6	<64.6	240
NE-2/4'	6/16/2021	4'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.5	<47	<14.5	<61.5	130
NE-3/0'	6/16/2021	0'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.4	<47	<14.3	<61.3	330
NE-3/1'	6/16/2021	1'	<0.023	<0.047	<0.047	<0.093	<0.210	<4.7	<9.9	<49	<14.6	<63.6	1,600
NE-3/2'	6/16/2021	2'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.3	<47	<14.2	<61.2	890
NE-3/3'	6/16/2021	3'	<0.023	<0.047	<0.047	<0.093	<0.210	<4.7	<9.6	<48	<14.3	<62.3	1,400
NE-3/4'	6/16/2021	4'	<0.024	<0.049	<0.049	<0.098	<0.220	<4.9	<9.6	<48	<14.5	<62.5	2,100
E-1/0'	6/16/2021	0'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.8	90	<14.6	90	<59
E-1/1'	6/16/2021	1'	<0.023	<0.047	<0.047	<0.094	<0.211	<4.7	<9.8	<49	<14.5	<63.5	2,900
E-1/2'	6/16/2021	2'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<9.7	<49	<14.5	<58.7	5,000
E-1/3'	6/16/2021	3'	<0.023	<0.046	<0.046	<0.091	<0.206	<4.6	9.7	<48	9.7	9.7	4,800

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
E-1/4'	6/16/2021	4'	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	29	57	29	86	10,000
SE-2/0'	6/16/2021	0'	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	<10	<50	<14.6	<64.6	<60
SE-2/1'	6/16/2021	1'	<0.024	<0.048	<0.048	<0.095	<0.215	<4.8	<9.8	<49	<14.6	<63.6	5,300
SE-2/2'	6/16/2021	2'	<0.023	<0.047	<0.047	<0.094	<0.211	<4.7	<9.4	<47	<14.1	<61.1	9,100
SE-2/3'	6/16/2021	3'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<9.8	<49	<14.6	<63.6	9,600
SE-2/4'	6/16/2021	4'	<0.024	<0.047	<0.047	<0.094	<0.212	<4.7	<9.3	<46	<14	<60	9,900
SE-1/0'	6/16/2021	0'	<0.023	<0.046	<0.046	<0.091	<0.206	<4.6	<9.3	<47	<13.9	<60.9	98
SE-1/1'	6/16/2021	1'	<0.024	<0.049	<0.049	<0.098	<0.220	<4.9	<10	<50	<14.9	<64.9	6,100
SE-1/2'	6/16/2021	2'	<0.023	<0.046	<0.046	<0.093	<0.208	<4.6	<10	<50	<14.6	<64.6	7,000
SE-1/3'	6/16/2021	3'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.9	<49	<14.8	<63.8	7,100
SE-1/4'	6/16/2021	4'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.6	<48	<15	<63	7,400
S-1/0'	6/16/2021	0'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.2	<46	<14.1	<60.1	78
S-1/1'	6/16/2021	1'	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<9.9	<49	<14.9	<63.9	320
S-1/2'	6/16/2021	2'	<0.025	<0.050	<0.050	<0.100	<0.225	<5.0	<9.6	<48	<14.6	<62.6	200
S-1/3'	6/16/2021	3'	<0.024	<0.048	<0.048	<0.095	<0.215	<4.8	<9.3	<47	<14.1	<61.1	<60
S-1/4'	6/16/2021	4'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.5	<47	<14.4	<61.4	63
SW-3/0'	6/16/2021	0'	<0.024	<0.049	<0.049	<0.098	<0.219	<4.9	<9.0	<45	<13.9	<58.9	<60
SW-3/1'	6/16/2021	1'	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<8.7	<44	<13.5	<57.5	440
SW-3/2'	6/16/2021	2'	<0.025	<0.049	<0.049	<0.099	<0.222	<4.9	<9.7	<48	<14.6	<62.6	630
SW-3/3'	6/16/2021	3'	<0.023	<0.047	<0.047	<0.093	<0.210	<4.7	<9.5	<48	<14.2	<62.2	250
SW-3/4'	6/16/2021	4'	<0.024	<0.049	<0.049	<0.098	<0.219	<4.9	<8.7	<43	<13.6	<56.6	250
SW-2/0'	6/16/2021	0'	<0.023	<0.046	<0.046	<0.093	<0.208	<4.6	<8.6	<43	<13.2	<56.2	<59
SW-2/1'	6/16/2021	1'	<0.024	<0.048	<0.048	<0.097	<0.217	<4.8	<8.7	<44	<13.5	<57.5	<60
SW-2/2'	6/16/2021	2'	<0.024	<0.049	<0.049	<0.098	<0.220	<4.9	<9.3	<46	<14.2	<60.2	<60
SW-2/3'	6/16/2021	3'	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	<8.7	<44	<13.3	<57.3	<60
SW-2/4'	6/16/2021	4'	<0.024	<0.047	<0.047	<0.094	<0.212	<4.7	<9.8	<49	<14.5	<63.5	240
SW-1/0'	6/16/2021	0'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	12	48	12	60	3,100
SW-1/1'	6/16/2021	1'	<0.024	<0.049	<0.049	<0.097	<0.219	<4.9	<9.4	<47	<14.3	<61.3	110

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
SW-1/2'	6/16/2021	2'	<0.024	<0.047	<0.047	<0.095	<0.213	<4.7	<9.8	<49	<14.5	<63.5	100
SW-1/3'	6/16/2021	3'	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<9.9	<50	<14.8	<64.8	<60
SW-1/4'	6/16/2021	4'	<0.025	<0.050	<0.050	<0.10	<0.225	<5.0	<9.5	<47	<14.5	<61.5	<60
Secondary Site Assessment Grab sample locations : July 21, 2021													
C-2.1/13'	7/21/2021	13'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<9.8	<49	**3,100**
C-2.1/20'	7/21/2021	20'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	**1,200**
E-2.1/10'	7/21/2021	10'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.5	<47	<9.5	<47	**5,600**
E-2.1/20'	7/21/2021	20'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<48	<9.7	<48	**5,600**
F-4.1/10'	7/21/2021	10'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.5	<48	<9.5	<48	**8,100**
F-4.1/20'	7/21/2021	20'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.6	<48	<9.6	<48	**12,000**
SE-2.1/10'	7/21/2021	10'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.8	<49	<9.8	<49	**8,800**
SE-2.1/20'	7/21/2021	20'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	**6,600**
E-1.1/10'	7/21/2021	10'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.4	<47	<9.4	<47	**4,200**
E-1.1/20'	7/21/2021	20'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.7	<48	<9.7	<48	**7,900**
N-1.1/5'	7/21/2021	5'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.3	<46	<9.3	<46	410
N-1.1/6'	7/21/2021	6'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.3	<46	<9.3	<46	400
N-1.N/0'	7/21/2021	0'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	410
N-1.N/2'	7/21/2021	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.4	<47	<9.4	<47	69
N-1.N/4'	7/21/2021	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.5	<47	<9.5	<47	190
NE-1.A/0'	7/21/2021	0'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.6	<48	<9.6	<48	<61
NE-1.A/2'	7/21/2021	2'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	470
NE-1.A/4'	7/21/2021	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	360
NE-2.A/0'	7/21/2021	0'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.7	<48	<9.7	<48	<60
NE-2.A/2'	7/21/2021	2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.4	<47	<9.4	<47	100
NE-2.A/4'	7/21/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.4	<47	<9.4	<47	150

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
SW-3.A/0'	7/21/2021	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.5	<47	<9.5	<47	<59
SW-3.A/2'	7/21/2021	2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	<60
SW-3.A/4'	7/21/2021	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<49	<9.7	<49	240
SW-1.A/0'	7/21/2021	0'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<48	<9.7	<48	<60
SW-1.A/2'	7/21/2021	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<9.8	<49	<60
SW-1.A/4'	7/21/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.2	<46	<9.2	<46	180
SE-1.A/2'	7/21/2021	2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	11,000
SE-1.A/4'	7/21/2021	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.7	<48	<9.7	<48	9,200
SE-2.A/2'	7/21/2021	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.6	<48	<9.6	<48	11,000
SE-2.A/4'	7/21/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.6	<48	<9.6	<48	12,000
E-1.A/2'	7/21/2021	2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.5	<48	<9.5	<48	14,000
E-1.A/4'	7/21/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.5	<47	<9.5	<47	13,000
NE-3.A/3'	7/21/2021	3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<48	<9.7	<48	2,200
NE-3.A/4'	7/21/2021	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.9	<49	<9.9	<49	2,100
N-1.E/2'	7/21/2021	2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.2	<46	<9.2	<46	950
N-1.E/4'	7/21/2021	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.5	<47	<9.5	<47	670
N-1.E.A/2'	7/22/2021	2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.4	<47	<9.4	<47	880
N-1.E.A/4'	7/22/2021	4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.3	<46	<9.3	<46	790
N-1.E.B/0'	7/22/2021	0'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.7	<48	<9.7	<48	<60
N-1.E.B/2'	7/22/2021	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<10	<50	310
N-1.E.B/4'	7/22/2021	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.6	<48	<9.6	<48	510
N-1.NE/0'	7/22/2021	0'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.3	<46	<9.3	<46	<60
N-1.NE/2'	7/22/2021	2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<49	<9.9	<49	200
N-1.NE/4'	7/22/2021	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.5	<47	<9.5	<47	140

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
NE-3.B/2'	7/22/2021	2'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.7	<48	<9.7	<48	4,900
NE-3.B/4'	7/22/2021	4'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<9.6	<48	<9.6	<48	5,200
NE-3.C/2'	7/22/2021	2'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.1	<46	<9.1	<46	1,200
NE-3.C/4'	7/22/2021	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.0	<45	<9.0	<45	1,100
NE-3.D/2'	7/22/2021	2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<49	<9.9	<49	2,000
NE-3.D/4'	7/22/2021	4'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.9	<50	<9.9	<50	1,200
NE-3.E/2'	7/22/2021	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.4	<47	<9.4	<47	1,700
NE-3.E/4'	7/22/2021	4'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.3	<47	<9.3	<47	1,800
NE-3.F/2'	7/22/2021	2'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<9.7	<48	<9.7	<48	1,500
NE-3.F/4'	7/22/2021	4'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.6	<48	<9.6	<48	1,300
NE-3.G/0'	7/22/2021	0'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.8	<49	<9.8	<49	<60
NE-3.G/2'	7/22/2021	2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<10	<50	<10	<50	<60
NE-3.G/4'	7/22/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	190
E-1.B/2'	7/22/2021	2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	11,000
E-1.B/4'	7/22/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.7	<49	<9.7	<49	12,000
E-1.C/2'	7/22/2021	2'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.1	<46	<9.1	<46	1,200
E-1.C/4'	7/22/2021	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.7	<48	<9.7	<48	1,300
E-1.D/2'	7/22/2021	2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.4	<47	<9.4	<47	1,100
E-1.D/4'	7/22/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.7	<49	<9.7	<49	1,000
E-1.E/0'	7/22/2021	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.9	<49	<9.9	<49	<60
E-1.E/2'	7/22/2021	2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.5	<47	<9.5	<47	<60
E-1.E/4'	7/22/2021	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	210
SE-2.B/2'	7/22/2021	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<9.8	<49	8,300

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
SE-2.B/4	7/22/2021	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.4	<47	<9.4	<47	8,500
SE-2.C/0'	7/22/2021	0'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.9	<49	<9.9	<49	<60
SE-2.C/2'	7/22/2021	2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.5	<47	<9.5	<47	160
SE-2.C/4'	7/22/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.8	<49	<9.8	<49	560
SE-1.B/2'	7/22/2021	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<47	<9.3	<47	1,600
SE-1.B/4'	7/22/2021	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.5	<47	<9.5	<47	680
SE-1.C/0'	7/22/2021	0'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.9	<49	<9.9	<49	<60
SE-1.C/2'	7/22/2021	2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.5	<48	<9.5	<48	970
SE-1.C/4'	7/22/2021	4'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.7	<49	<9.7	<49	520
Additional Site Assessment Grab sample locations : January 12, 2022													
NNE-1/2'	1/12/2022	2'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.3	<46	<9.3	<46	1,200
NNE-1/4'	1/12/2022	4'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.0	<45	<9.0	<45	990
NNE-1.A/1'	1/12/2022	1'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	<61
NNE-1.A/4'	1/12/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.4	<47	<9.4	<47	640
NNE-2/2'	1/12/2022	2'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.5	<48	<9.5	<48	1,400
NNE-2/4'	1/12/2022	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.8	<49	<9.8	<49	1,500
NNE-2.A/2'	1/12/2022	2'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	1,300
NNE-2.A/4'	1/12/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<48	<9.7	<48	830
NNE-2.B/1'	1/12/2022	1'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.7	<49	<9.7	<49	<59
NNE-2.B/4'	1/12/2022	4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.4	<47	<9.4	<47	500
ESE-1/2'	1/12/2022	2	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<10	<50	<10	<50	1,700
ESE-1/4'	1/12/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.9	<49	<9.9	<49	1,900
ESE-1.N/1'	1/12/2022	1'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.7	<49	<9.7	<49	1,100
ESE-1.N/4'	1/12/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.9	<49	<9.9	<49	620

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
ESE-1-N.1/2'	1/12/2022	2'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.5	<47	<9.5	<47	1,400
ESE-1-N.1/4'	1/12/2022	4'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<10	<50	<10	<50	1,300
ESE-1-N.2/2'	1/12/2022	2'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.4	<47	<9.4	<47	<60
ESE-1-N.2/4'	1/12/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.4	<47	<9.4	<47	<60
ESE-1-S/2'	1/12/2022	2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.7	<49	<9.7	<49	2,000
ESE-1-S/4'	1/12/2022	4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.6	<48	<9.6	<48	1,500
ESE-1-S.1/1'	1/12/2022	1'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.6	<48	<9.6	<48	<60
ESE-1-S.1/4'	1/12/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.5	<48	<9.5	<48	89
ESE-2/3'	1/12/2022	3'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<10	<50	<10	<50	1,000
ESE-2/4'	1/12/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<49	<9.7	<49	770
ESE-2.A/2'	1/12/2022	2'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.4	<47	<9.4	<47	110
ESE-2.A/4'	1/12/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<10	<50	<10	<50	780
ESE-2.B/2'	1/12/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.4	<47	<9.4	<47	<60
ESE-2.B/4'	1/12/2022	3'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<10	<50	<10	<50	280
ESE-2.C/1'	1/12/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.6	<48	<9.6	<48	120
ESE-2.C/4'	1/12/2022	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<10	<50	110
SSW-1/1'	1/12/2022	1'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<10	<50	<10	<50	<60
SSW-1/4'	1/12/2022	4'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<10	<50	<10	<50	<60
SSW-2/1'	1/12/2022	2'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.9	<50	<9.9	<50	<60
SSW-2/4'	1/12/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	<60
SSE-1/3'	1/12/2022	3'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.6	<48	<9.6	<48	830
SSE-1/4'	1/12/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.8	<49	<9.8	<49	680

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
SSE-1.A/1'	1/12/2022	1'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.8	<49	<9.8	<49	250
SSE-1.A/4'	1/12/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.6	<48	<9.6	<48	280
SSE-2/1'	1/12/2022	1'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<10	<50	<10	<50	170
SSE-2/4'	1/12/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.4	<47	<9.4	<47	450
Soil Boring Assessment Soil Samples : February 23, 2022													
BG-1/2'	2/23/2022	2'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<10	<50	<10	<50	<60
BG-1/22'	2/23/2022	22'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	21	<47	21	21	77
BG-1/42'	2/23/2022	42'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.2	<46	<9.2	<46	<60
SB-1/20'	2/23/2022	20'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.9	<49	<9.9	<49	6,200
SB-1/40'	2/23/2022	40'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.9	<50	<9.9	<50	270
SB-1/41'	2/23/2022	41'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.3	<46	<9.3	<46	170
SB-1/42'	2/23/2022	42'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.2	<46	<9.2	<46	190
SB-2/25'	2/23/2022	25'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	14	<48	14	14	1,400
SB-2/35'	2/23/2022	35'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<9.1	<46	<9.1	<46	490
SB-2/40'	2/23/2022	40'	0.038	<0.050	<0.050	<0.099	0.04	<5.0	<10	<50	<10	<50	330
SB-2/41'	2/23/2022	41'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.5	<48	<9.5	<48	320
SB-2/42'	2/23/2022	42'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.3	<47	<9.3	<47	370
Additional Vertical Assessment Soil Samples : June 30 & July 1, 2022													
N-1.E.A(A) 1	6/30/2022	1'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	1,100
N-1.E.A(A) 4	6/30/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<47	<14	<47	<60
NE-3.B(A) 3	6/30/2022	3'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	<60
NE-3.B(A) 6	6/30/2022	6'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	720
E-1.A(A) 17	6/30/2022	17'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<48	<14	<48	20,000
E-1.A(A) 20	6/30/2022	20'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	17,000
SE-2A(A) 17	6/30/2022	17'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	21,000
SE-2A(A) 20	6/30/2022	20'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	17,000

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
SE-2-B(A) 17	6/30/2022	17'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	10,000
SE-2-B(A) 20	6/30/2022	20'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	4,400
E-1.C(A) 4	6/30/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	1,300
E-1.C(A) 12	6/30/2022	12'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	300
E-1.D(A) 4	7/1/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<49	<15	<49	1,000
E-1.D(A) 8	7/1/2022	8'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<47	<14	<47	700
ESE-1(A) 4	7/1/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	1,100
ESE-1(A) 10	7/1/2022	10'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	420
ESE-1(A) 12	7/1/2022	12'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<48	<15	<48	720
ESE-1.N.1(A) 5	7/1/2022	5'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	1,300
ESE-1.N.1(A) 9	7/1/2022	9'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	570
ESE-1.N.1(A) 10	7/1/2022	10'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	570
ESE-2.A(A) 4	7/1/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	1,600
ESE-2.A(A) 7	7/1/2022	7'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	620
ESE-2.A(A) 10	7/1/2022	10'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	670
NE-3.E(A) 2	7/1/2022	2'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	1,500
NE-3.E(A) 8	7/1/2022	8'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<50	<15	<50	560
NE-3.E(A) 10	7/1/2022	10'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<49	<15	<49	550
NNE-2(A) 4	7/1/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	990
NNE-2(A) 12	7/1/2022	12'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	310
Soil Boring Assessment Soil Samples : September & October, 2022													
SB-3/15	9/28/2022	15'	<0.020	<0.040	<0.040	<0.081	<0.08	<4.0	<15	<50	<15	<50	18,000
SB-3/30	9/28/2022	30'	<0.016	<0.031	<0.031	<0.063	<0.06	<3.1	<15	<49	<15	<49	550
SB-3/32	9/28/2022	32'	<0.028	<0.056	<0.056	<0.11	<0.11	<5.6	<15	<49	<15	<49	420

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
INEX #3
EDDY COUNTY, NEW MEXICO

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
SB-4/20	9/28/2022	20'	<0.018	<0.036	<0.036	<0.073	<0.07	<3.6	<15	<49	<15	<49	**16,000**
SB-4/30	9/28/2022	30'	<0.019	<0.038	<0.038	<0.076	<0.08	<3.8	<14	<46	<14	<46	**1,200**
SB-4/32	9/28/2022	32'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<15	<49	<15	<49	**670**
SB-4/33'	10/5/2022	33'	<0.017	<0.035	<0.035	<0.070	<0.07	<3.5	<14	<48	<14	<48	400
Vertical Assessment Soil Samples : October 24, 2022													
NE-3-B(B) @ 6	10/24/2022	6'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	**1,000**
NE-3-B(B) @ 13	10/24/2022	13'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<48	<14	<48	**760**
ESE-1(B) @ 12	10/24/2022	12'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<14	<48	<14	<48	**700**
ESE-1(B) @ 14	10/24/2022	14'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<15	<50	<15	<50	300
E-1-D(B) @ 8	10/24/2022	8'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<15	<49	<15	<49	530
E-1-D(B) @ 10	10/24/2022	10'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	470
ESE-2-A(A) @ 10	10/24/2022	10'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<14	<46	<14	<46	**740**
ESE-2-A(A) @ 13	10/24/2022	13'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<15	<50	<15	<50	360
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW ≤50')			**10**	**---**	**---**	**---**	**50**	**---**	**---**	**---**	**---**	**100**	**600**
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**600**

Notes:

1. Results exceeding the target closure criteria are presented in bold, red type and are highlighted yellow.

TPH = Total Petroleum Hydrocarbons
mg/Kg = Milligrams per Kilogram

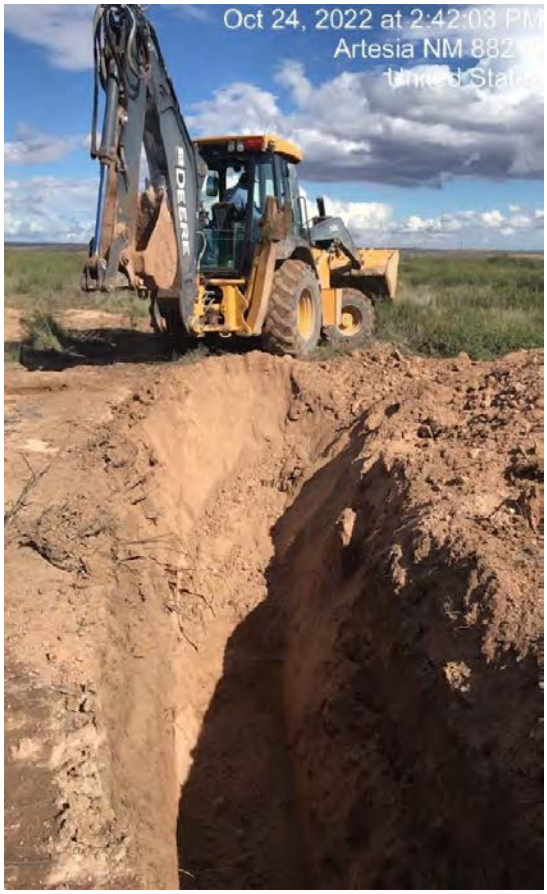
ATTACHMENT 1

PHOTOGRAPHIC DOCUMENTATION

PHOTOGRAPH NO. 1 – A typical view of the site drilling activities on September 28, 2022.

PHOTOGRAPH NO. 2 – A typical view of the installed temporary monitor wells.

PHOTOGRAPH NO. 3 – A typical view of the gauging of the temporary monitor wells.



PHOTOGRAPH NO. 4 – A typical view of the vertical delineation test trench sampling activities conducted on October 24, 2022.

ATTACHMENT 2

Laboratory Analytical Reports

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

October 07, 2022

Will Kierdorf
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Inex 3 OrderNo.: 2209H01

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 6 sample(s) on 9/30/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2209H01**
Date Reported: **10/7/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG **Client Sample ID:** SB-3/15
Project: Inex 3 **Collection Date:** 9/28/2022 8:33:00 AM
Lab ID: 2209H01-001 **Matrix:** MEOH (SOIL) **Received Date:** 9/30/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	18000	600		mg/Kg	200	10/4/2022 10:18:39 PM	70524
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/30/2022 11:08:37 AM	70508
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/30/2022 11:08:37 AM	70508
Surr: DNOP	86.8	21-129		%Rec	1	9/30/2022 11:08:37 AM	70508
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	9/30/2022 10:35:00 AM	C91437
Surr: BFB	108	37.7-212		%Rec	1	9/30/2022 10:35:00 AM	C91437
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.020		mg/Kg	1	9/30/2022 10:35:00 AM	D91437
Toluene	ND	0.040		mg/Kg	1	9/30/2022 10:35:00 AM	D91437
Ethylbenzene	ND	0.040		mg/Kg	1	9/30/2022 10:35:00 AM	D91437
Xylenes, Total	ND	0.081		mg/Kg	1	9/30/2022 10:35:00 AM	D91437
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	9/30/2022 10:35:00 AM	D91437

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

Qualifiers:

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

Analytical Report
Lab Order **2209H01**
Date Reported: **10/7/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG **Client Sample ID:** SB-3/30
Project: Inex 3 **Collection Date:** 9/28/2022 9:05:00 AM
Lab ID: 2209H01-002 **Matrix:** MEOH (SOIL) **Received Date:** 9/30/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	550	60		mg/Kg	20	9/30/2022 6:17:21 PM	70524
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/30/2022 11:19:16 AM	70508
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/30/2022 11:19:16 AM	70508
Surr: DNOP	86.7	21-129		%Rec	1	9/30/2022 11:19:16 AM	70508
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	9/30/2022 10:55:00 AM	C91437
Surr: BFB	105	37.7-212		%Rec	1	9/30/2022 10:55:00 AM	C91437
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.016		mg/Kg	1	9/30/2022 10:55:00 AM	D91437
Toluene	ND	0.031		mg/Kg	1	9/30/2022 10:55:00 AM	D91437
Ethylbenzene	ND	0.031		mg/Kg	1	9/30/2022 10:55:00 AM	D91437
Xylenes, Total	ND	0.063		mg/Kg	1	9/30/2022 10:55:00 AM	D91437
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	9/30/2022 10:55:00 AM	D91437

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

Qualifiers:

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

Analytical Report
Lab Order **2209H01**
Date Reported: **10/7/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG **Client Sample ID:** SB-3/32
Project: Inex 3 **Collection Date:** 9/28/2022 9:10:00 AM
Lab ID: 2209H01-003 **Matrix:** MEOH (SOIL) **Received Date:** 9/30/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	420	60		mg/Kg	20	9/30/2022 6:29:41 PM	70524
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/30/2022 11:29:55 AM	70508
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/30/2022 11:29:55 AM	70508
Surr: DNOP	87.0	21-129		%Rec	1	9/30/2022 11:29:55 AM	70508
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	5.6		mg/Kg	1	9/30/2022 11:14:00 AM	C91437
Surr: BFB	106	37.7-212		%Rec	1	9/30/2022 11:14:00 AM	C91437
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.028		mg/Kg	1	9/30/2022 11:14:00 AM	D91437
Toluene	ND	0.056		mg/Kg	1	9/30/2022 11:14:00 AM	D91437
Ethylbenzene	ND	0.056		mg/Kg	1	9/30/2022 11:14:00 AM	D91437
Xylenes, Total	ND	0.11		mg/Kg	1	9/30/2022 11:14:00 AM	D91437
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	9/30/2022 11:14:00 AM	D91437

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

Qualifiers:

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

Analytical Report
Lab Order **2209H01**
Date Reported: **10/7/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG **Client Sample ID:** SB-4/20
Project: Inex 3 **Collection Date:** 9/28/2022 10:25:00 AM
Lab ID: 2209H01-004 **Matrix:** MEOH (SOIL) **Received Date:** 9/30/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	16000	600		mg/Kg	200	10/3/2022 8:48:27 AM	70524
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/30/2022 11:40:36 AM	70508
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/30/2022 11:40:36 AM	70508
Surr: DNOP	87.6	21-129		%Rec	1	9/30/2022 11:40:36 AM	70508
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	9/30/2022 11:34:00 AM	C91437
Surr: BFB	102	37.7-212		%Rec	1	9/30/2022 11:34:00 AM	C91437
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.018		mg/Kg	1	9/30/2022 11:34:00 AM	D91437
Toluene	ND	0.036		mg/Kg	1	9/30/2022 11:34:00 AM	D91437
Ethylbenzene	ND	0.036		mg/Kg	1	9/30/2022 11:34:00 AM	D91437
Xylenes, Total	ND	0.073		mg/Kg	1	9/30/2022 11:34:00 AM	D91437
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	9/30/2022 11:34:00 AM	D91437

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

Qualifiers:

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

Analytical Report
Lab Order **2209H01**
Date Reported: **10/7/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG **Client Sample ID:** SB-4/30
Project: Inex 3 **Collection Date:** 9/28/2022 10:34:00 AM
Lab ID: 2209H01-005 **Matrix:** MEOH (SOIL) **Received Date:** 9/30/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1200	61		mg/Kg	20	9/30/2022 7:19:04 PM	70524
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/30/2022 11:51:16 AM	70508
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/30/2022 11:51:16 AM	70508
Surr: DNOP	88.1	21-129		%Rec	1	9/30/2022 11:51:16 AM	70508
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	9/30/2022 11:54:00 AM	C91437
Surr: BFB	107	37.7-212		%Rec	1	9/30/2022 11:54:00 AM	C91437
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.019		mg/Kg	1	9/30/2022 11:54:00 AM	D91437
Toluene	ND	0.038		mg/Kg	1	9/30/2022 11:54:00 AM	D91437
Ethylbenzene	ND	0.038		mg/Kg	1	9/30/2022 11:54:00 AM	D91437
Xylenes, Total	ND	0.076		mg/Kg	1	9/30/2022 11:54:00 AM	D91437
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	9/30/2022 11:54:00 AM	D91437

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

Qualifiers:

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

Analytical Report
Lab Order **2209H01**
Date Reported: **10/7/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG **Client Sample ID:** SB-4/32
Project: Inex 3 **Collection Date:** 9/28/2022 10:35:00 AM
Lab ID: 2209H01-006 **Matrix:** MEOH (SOIL) **Received Date:** 9/30/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	670	60		mg/Kg	20	9/30/2022 7:31:25 PM	70524
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/30/2022 12:01:58 PM	70508
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/30/2022 12:01:58 PM	70508
Surr: DNOP	88.4	21-129		%Rec	1	9/30/2022 12:01:58 PM	70508
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/30/2022 3:00:00 PM	C91437
Surr: BFB	106	37.7-212		%Rec	1	9/30/2022 3:00:00 PM	C91437
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.023		mg/Kg	1	9/30/2022 3:00:00 PM	D91437
Toluene	ND	0.047		mg/Kg	1	9/30/2022 3:00:00 PM	D91437
Ethylbenzene	ND	0.047		mg/Kg	1	9/30/2022 3:00:00 PM	D91437
Xylenes, Total	ND	0.093		mg/Kg	1	9/30/2022 3:00:00 PM	D91437
Surr: 4-Bromofluorobenzene	99.6	70-130		%Rec	1	9/30/2022 3:00:00 PM	D91437

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2209H01**

07-Oct-22

Client: EOG

Project: Inex 3

Sample ID:	**MB-70524**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID:	**70524**	RunNo:	**91446**					
Prep Date:	**9/30/2022**	Analysis Date:	**9/30/2022**	SeqNo:	**3275330**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID:	**LCS-70524**	SampType:	**lcs**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID:	**70524**	RunNo:	**91446**					
Prep Date:	**9/30/2022**	Analysis Date:	**9/30/2022**	SeqNo:	**3275331**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	99.0	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2209H01**

07-Oct-22

Client: EOG

Project: Inex 3

Sample ID: **LCS-70508**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **70508**	RunNo: **91439**
Prep Date: **9/30/2022**	Analysis Date: **9/30/2022**	SeqNo: **3274444** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	34	15	50.00	0	67.1	64.4	127			
Surr: DNOP	3.7		5.000		73.5	21	129			

Sample ID: **MB-70508**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **70508**	RunNo: **91439**
Prep Date: **9/30/2022**	Analysis Date: **9/30/2022**	SeqNo: **3274447** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.8		10.00		77.5	21	129			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2209H01**

07-Oct-22

Client: EOG

Project: Inex 3

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **C91437**	RunNo: **91437**
Prep Date:	Analysis Date: **9/30/2022**	SeqNo: **3275446** 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	94.8	72.3	137			
Surr: BFB	2100		1000		213	37.7	212			S

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **C91437**	RunNo: **91437**
Prep Date:	Analysis Date: **9/30/2022**	SeqNo: **3275447** 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	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2209H01**

07-Oct-22

Client: EOG

Project: Inex 3

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **D91437**	RunNo: **91437**
Prep Date:	Analysis Date: **9/30/2022**	SeqNo: **3275476** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.4	80	120			
Toluene	0.93	0.050	1.000	0	93.4	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.9	80	120			
Surr: 4-Bromofluorobenzene	0.97		1.000		97.4	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **D91437**	RunNo: **91437**
Prep Date:	Analysis Date: **9/30/2022**	SeqNo: **3275477** 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		98.6	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 interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2209H01 | RcptNo: 1

Received By: Juan Rojas | 9/30/2022 7:30:00 AM

Completed By: Cheyenne Cason | 9/30/2022 8:00:22 AM

Reviewed By: 9-30-22

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
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 9/30/22

Special Handling (if applicable)

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

Person Notified: Date:

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

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.5	Good	Not Present			

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

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

Accreditation: ☐ Az Compliance
■ **NELAC** ☐ Other_____

■ **EDD** (Type) Excel

Turn-Around Time:
☐ Standard ☑ **Rush** 24 hr

Project Name:
Inex #3

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy

On Ice: ~~☐ Yes~~ ☐ No

# of Coolers: 1

Cooler Temp (including CF): 2.3+0.2=2.5

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. 2209H01	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
9/28/22	0833	Soil	SB-3/15	1 x 4oz Jar	ICE	001	X	X	X
	0905		SB-3/30			002			
	0910		SB-3/32			003			
	1025		SB-4/20			004			
	1034		SB-4/30			005			
	1035		SB-4/32			006			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9/29/22	0835	W. Kennedy	Anthony	-	9/29/22	835
9/29/22	1900	Anthony	[signature]	courier	9/30/22	7:30

Remarks: Bill to EOG Artesia

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 repo

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

October 17, 2022

Will Kierdorf
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Inex 3 OrderNo.: 2210375

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/7/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2210375**
Date Reported: **10/17/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG **Client Sample ID:** SB-4/33
Project: Inex 3 **Collection Date:** 10/5/2022 9:57:00 AM
Lab ID: 2210375-001 **Matrix:** MEOH (SOIL) **Received Date:** 10/7/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	400	60		mg/Kg	20	10/8/2022 4:50:27 PM	70686
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/8/2022 12:19:57 AM	70684
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/8/2022 12:19:57 AM	70684
Surr: DNOP	84.3	21-129		%Rec	1	10/8/2022 12:19:57 AM	70684
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **BRM**	
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	10/7/2022 10:27:00 AM	C91644
Surr: BFB	92.2	37.7-212		%Rec	1	10/7/2022 10:27:00 AM	C91644
EPA METHOD 8021B: VOLATILES						Analyst: **BRM**	
Benzene	ND	0.017		mg/Kg	1	10/7/2022 10:27:00 AM	D91644
Toluene	ND	0.035		mg/Kg	1	10/7/2022 10:27:00 AM	D91644
Ethylbenzene	ND	0.035		mg/Kg	1	10/7/2022 10:27:00 AM	D91644
Xylenes, Total	ND	0.070		mg/Kg	1	10/7/2022 10:27:00 AM	D91644
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	10/7/2022 10:27:00 AM	D91644

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210375**

17-Oct-22

Client: EOG

Project: Inex 3

Sample ID:	**MB-70686**	SampType:	**MBLK**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID:	**70686**	RunNo:	**91659**					
Prep Date:	**10/7/2022**	Analysis Date:	**10/8/2022**	SeqNo:	**3284244**	Units:	**mg/Kg**			

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

Sample ID:	**LCS-70686**	SampType:	**LCS**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID:	**70686**	RunNo:	**91659**					
Prep Date:	**10/7/2022**	Analysis Date:	**10/8/2022**	SeqNo:	**3284245**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.0	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210375**

17-Oct-22

Client: EOG

Project: Inex 3

Sample ID: **LCS-70684**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **70684**	RunNo: **91633**
Prep Date: **10/7/2022**	Analysis Date: **10/8/2022**	SeqNo: **3284495** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	34	15	50.00	0	67.8	64.4	127			
Surr: DNOP	3.4		5.000		67.4	21	129			

Sample ID: **MB-70684**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **70684**	RunNo: **91633**
Prep Date: **10/7/2022**	Analysis Date: **10/7/2022**	SeqNo: **3284497** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.3		10.00		83.4	21	129			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210375**

17-Oct-22

Client: EOG

Project: Inex 3

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **C91644**	RunNo: **91644**							
Prep Date:	Analysis Date: **10/7/2022**	SeqNo: **3283579**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.8	72.3	137			
Surr: BFB	2200		1000		218	37.7	212			S

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **C91644**	RunNo: **91644**							
Prep Date:	Analysis Date: **10/7/2022**	SeqNo: **3283580**	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	37.7	212			

Sample ID: **lcs-70659**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **70659**	RunNo: **91644**							
Prep Date: **10/6/2022**	Analysis Date: **10/7/2022**	SeqNo: **3283584**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2000		1000		200	37.7	212			

Sample ID: **mb-70659**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **70659**	RunNo: **91644**							
Prep Date: **10/6/2022**	Analysis Date: **10/7/2022**	SeqNo: **3283585**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	960		1000		96.1	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210375**

17-Oct-22

Client: EOG

Project: Inex 3

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **D91644**	RunNo: **91644**
Prep Date:	Analysis Date: **10/7/2022**	SeqNo: **3283599** 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	99.4	80	120			
Toluene	0.99	0.050	1.000	0	98.8	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.6	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.3	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **D91644**	RunNo: **91644**
Prep Date:	Analysis Date: **10/7/2022**	SeqNo: **3283600** 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	1.0		1.000		100	70	130			

Sample ID: **lcs-70659**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **70659**	RunNo: **91644**
Prep Date: **10/6/2022**	Analysis Date: **10/7/2022**	SeqNo: **3283604** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.92		1.000		92.0	70	130			

Sample ID: **mb-70659**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **70659**	RunNo: **91644**
Prep Date: **10/6/2022**	Analysis Date: **10/7/2022**	SeqNo: **3283605** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.92		1.000		92.4	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 interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **EOG** Work Order Number: **2210375** RcptNo: **1**

Received By: **Juan Rojas** **10/7/2022 7:10:00 AM**

Completed By: **Cheyenne Cason** **10/7/2022 7:34:08 AM**

Reviewed By: 10-7-22

Chain of Custody

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

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 10/7/22

Special Handling (if applicable)

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

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good	Not Present			

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

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

Accreditation: ☐ Az Compliance
■ **NELAC** ☐ Other

■ **EDD** (Type) Excel

Turn-Around Time:
☐ Standard ☒ **Rush** 24 hr

Project Name: Iner #3

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. Kennedy
On Ice: ☒ Yes ☐ No
# of Coolers: 1
Cooler Temp (including CF): 1.9-0=1.9

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. 2210375	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)
10/5/22	0957	Soil	~~SB-4~~ SB-4/33	1 x 4oz Jar	ICE	001	X	X	X

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10/5/22	1430	W. Kennedy	J. Martinez		10/5/22	1430
10/6/22	805	J-martinez			10/6/22	805

Remarks: Bill to EOG Artesia

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 repo

10/6/22 1900

courier 10/7/22 7:10

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

November 02, 2022

Will Kierdorf
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Inex 3 OrderNo.: 2210C52

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 8 sample(s) on 10/26/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2210C52**
Date Reported: **11/2/2022**

CLIENT: EOG
Project: Inex 3
Lab ID: 2210C52-001 **Matrix:** SOIL

Client Sample ID: NE-3-B(B) @ 6
Collection Date: 10/24/2022 11:30:00 AM
Received Date: 10/26/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	1000	60		mg/Kg	20	10/31/2022 8:18:54 PM	71186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/28/2022 8:08:46 PM	71099
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/28/2022 8:08:46 PM	71099
Surr: DNOP	81.8	21-129		%Rec	1	10/28/2022 8:08:46 PM	71099
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/28/2022 7:43:00 PM	71084
Surr: BFB	103	37.7-212		%Rec	1	10/28/2022 7:43:00 PM	71084
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/28/2022 7:43:00 PM	71084
Toluene	ND	0.049		mg/Kg	1	10/28/2022 7:43:00 PM	71084
Ethylbenzene	ND	0.049		mg/Kg	1	10/28/2022 7:43:00 PM	71084
Xylenes, Total	ND	0.098		mg/Kg	1	10/28/2022 7:43:00 PM	71084
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	1	10/28/2022 7:43:00 PM	71084

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C52**
Date Reported: **11/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: NE-3-B(B) @ 13
Project: Inex 3
Collection Date: 10/24/2022 12:14:00 PM
Lab ID: 2210C52-002 **Matrix:** SOIL **Received Date:** 10/26/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	760	59		mg/Kg	20	10/31/2022 8:31:18 PM	71186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/28/2022 8:19:21 PM	71099
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/28/2022 8:19:21 PM	71099
Surr: DNOP	86.2	21-129		%Rec	1	10/28/2022 8:19:21 PM	71099
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/28/2022 8:02:00 PM	71084
Surr: BFB	100	37.7-212		%Rec	1	10/28/2022 8:02:00 PM	71084
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/28/2022 8:02:00 PM	71084
Toluene	ND	0.048		mg/Kg	1	10/28/2022 8:02:00 PM	71084
Ethylbenzene	ND	0.048		mg/Kg	1	10/28/2022 8:02:00 PM	71084
Xylenes, Total	ND	0.096		mg/Kg	1	10/28/2022 8:02:00 PM	71084
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	1	10/28/2022 8:02:00 PM	71084

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C52**
Date Reported: **11/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: ESE-1(B) @ 12
Project: Inex 3
Collection Date: 10/24/2022 2:00:00 PM
Lab ID: 2210C52-003 **Matrix:** SOIL **Received Date:** 10/26/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	700	60		mg/Kg	20	10/31/2022 8:43:43 PM	71186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/28/2022 8:29:56 PM	71099
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/28/2022 8:29:56 PM	71099
Surr: DNOP	89.4	21-129		%Rec	1	10/28/2022 8:29:56 PM	71099
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/28/2022 8:22:00 PM	71084
Surr: BFB	101	37.7-212		%Rec	1	10/28/2022 8:22:00 PM	71084
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/28/2022 8:22:00 PM	71084
Toluene	ND	0.047		mg/Kg	1	10/28/2022 8:22:00 PM	71084
Ethylbenzene	ND	0.047		mg/Kg	1	10/28/2022 8:22:00 PM	71084
Xylenes, Total	ND	0.093		mg/Kg	1	10/28/2022 8:22:00 PM	71084
Surr: 4-Bromofluorobenzene	118	70-130		%Rec	1	10/28/2022 8:22:00 PM	71084

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C52**
Date Reported: **11/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: ESE-1(B) @ 14
Project: Inex 3
Collection Date: 10/24/2022 2:16:00 PM
Lab ID: 2210C52-004 **Matrix:** SOIL **Received Date:** 10/26/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	300	60		mg/Kg	20	10/31/2022 9:20:56 PM	71186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/28/2022 8:40:31 PM	71099
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/28/2022 8:40:31 PM	71099
Surr: DNOP	99.9	21-129		%Rec	1	10/28/2022 8:40:31 PM	71099
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/28/2022 8:42:00 PM	71084
Surr: BFB	98.2	37.7-212		%Rec	1	10/28/2022 8:42:00 PM	71084
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/28/2022 8:42:00 PM	71084
Toluene	ND	0.047		mg/Kg	1	10/28/2022 8:42:00 PM	71084
Ethylbenzene	ND	0.047		mg/Kg	1	10/28/2022 8:42:00 PM	71084
Xylenes, Total	ND	0.095		mg/Kg	1	10/28/2022 8:42:00 PM	71084
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	1	10/28/2022 8:42:00 PM	71084

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C52**
Date Reported: **11/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: E-1-D(B) @ 8
Project: Inex 3
Collection Date: 10/24/2022 2:40:00 PM
Lab ID: 2210C52-005 **Matrix:** SOIL **Received Date:** 10/26/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	530	60		mg/Kg	20	10/31/2022 9:33:20 PM	71186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/28/2022 8:51:03 PM	71099
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/28/2022 8:51:03 PM	71099
Surr: DNOP	100	21-129		%Rec	1	10/28/2022 8:51:03 PM	71099
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/28/2022 9:01:00 PM	71084
Surr: BFB	101	37.7-212		%Rec	1	10/28/2022 9:01:00 PM	71084
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	10/28/2022 9:01:00 PM	71084
Toluene	ND	0.046		mg/Kg	1	10/28/2022 9:01:00 PM	71084
Ethylbenzene	ND	0.046		mg/Kg	1	10/28/2022 9:01:00 PM	71084
Xylenes, Total	ND	0.093		mg/Kg	1	10/28/2022 9:01:00 PM	71084
Surr: 4-Bromofluorobenzene	118	70-130		%Rec	1	10/28/2022 9:01:00 PM	71084

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C52**
Date Reported: **11/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: E-1-D(B) @ 10
Project: Inex 3
Collection Date: 10/24/2022 2:48:00 PM
Lab ID: 2210C52-006 **Matrix:** SOIL **Received Date:** 10/26/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	470	60		mg/Kg	20	10/31/2022 9:45:45 PM	71186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/28/2022 9:01:39 PM	71099
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/28/2022 9:01:39 PM	71099
Surr: DNOP	86.1	21-129		%Rec	1	10/28/2022 9:01:39 PM	71099
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/28/2022 9:21:00 PM	71084
Surr: BFB	99.1	37.7-212		%Rec	1	10/28/2022 9:21:00 PM	71084
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/28/2022 9:21:00 PM	71084
Toluene	ND	0.049		mg/Kg	1	10/28/2022 9:21:00 PM	71084
Ethylbenzene	ND	0.049		mg/Kg	1	10/28/2022 9:21:00 PM	71084
Xylenes, Total	ND	0.098		mg/Kg	1	10/28/2022 9:21:00 PM	71084
Surr: 4-Bromofluorobenzene	119	70-130		%Rec	1	10/28/2022 9:21:00 PM	71084

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C52**
Date Reported: **11/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: ESE-2-A(A) @ 10
Project: Inex 3
Collection Date: 10/24/2022 3:02:00 PM
Lab ID: 2210C52-007 **Matrix:** SOIL **Received Date:** 10/26/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	740	60		mg/Kg	20	10/31/2022 9:58:09 PM	71186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/28/2022 9:12:14 PM	71099
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/28/2022 9:12:14 PM	71099
Surr: DNOP	88.0	21-129		%Rec	1	10/28/2022 9:12:14 PM	71099
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/28/2022 9:41:00 PM	71084
Surr: BFB	102	37.7-212		%Rec	1	10/28/2022 9:41:00 PM	71084
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/28/2022 9:41:00 PM	71084
Toluene	ND	0.048		mg/Kg	1	10/28/2022 9:41:00 PM	71084
Ethylbenzene	ND	0.048		mg/Kg	1	10/28/2022 9:41:00 PM	71084
Xylenes, Total	ND	0.096		mg/Kg	1	10/28/2022 9:41:00 PM	71084
Surr: 4-Bromofluorobenzene	118	70-130		%Rec	1	10/28/2022 9:41:00 PM	71084

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C52**
Date Reported: **11/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG
Client Sample ID: ESE-2-A(A) @ 13
Project: Inex 3
Collection Date: 10/24/2022 3:30:00 PM
Lab ID: 2210C52-008 **Matrix:** SOIL **Received Date:** 10/26/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Chloride	360	60		mg/Kg	20	10/31/2022 10:10:34 PM	71186
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/28/2022 9:22:49 PM	71099
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/28/2022 9:22:49 PM	71099
Surr: DNOP	81.7	21-129		%Rec	1	10/28/2022 9:22:49 PM	71099
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/28/2022 10:00:00 PM	71084
Surr: BFB	103	37.7-212		%Rec	1	10/28/2022 10:00:00 PM	71084
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	10/28/2022 10:00:00 PM	71084
Toluene	ND	0.047		mg/Kg	1	10/28/2022 10:00:00 PM	71084
Ethylbenzene	ND	0.047		mg/Kg	1	10/28/2022 10:00:00 PM	71084
Xylenes, Total	ND	0.094		mg/Kg	1	10/28/2022 10:00:00 PM	71084
Surr: 4-Bromofluorobenzene	118	70-130		%Rec	1	10/28/2022 10:00:00 PM	71084

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	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210C52**

02-Nov-22

Client: EOG

Project: Inex 3

Sample ID: **LCS-71186**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **71186**	RunNo: **92227**							
Prep Date: **10/31/2022**	Analysis Date: **10/31/2022**	SeqNo: **3312379**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.5	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210C52**

02-Nov-22

Client: EOG

Project: Inex 3

Sample ID: **LCS-71099**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **71099**	RunNo: **92135**
Prep Date: **10/26/2022**	Analysis Date: **10/27/2022**	SeqNo: **3307451** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	15	50.00	0	90.6	64.4	127			
Surr: DNOP	4.9		5.000		98.8	21	129			

Sample ID: **MB-71099**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **71099**	RunNo: **92135**
Prep Date: **10/26/2022**	Analysis Date: **10/27/2022**	SeqNo: **3307453** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		93.5	21	129			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210C52**

02-Nov-22

Client: EOG

Project: Inex 3

Sample ID: **lcs-71084**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **71084**	RunNo: **92196**
Prep Date: **10/26/2022**	Analysis Date: **10/28/2022**	SeqNo: **3310373** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	72.3	137			
Surr: BFB	2200		1000		216	37.7	212			S

Sample ID: **mb-71084**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **71084**	RunNo: **92196**
Prep Date: **10/26/2022**	Analysis Date: **10/28/2022**	SeqNo: **3310374** 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	970		1000		97.5	37.7	212			

Sample ID: **lcs-71125**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **71125**	RunNo: **92196**
Prep Date: **10/27/2022**	Analysis Date: **10/29/2022**	SeqNo: **3310421** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2200		1000		221	37.7	212			S

Sample ID: **mb-71125**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **71125**	RunNo: **92196**
Prep Date: **10/27/2022**	Analysis Date: **10/29/2022**	SeqNo: **3310422** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		102	37.7	212			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210C52**

02-Nov-22

Client: EOG

Project: Inex 3

Sample ID: **lcs-71084**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **71084**	RunNo: **92196**
Prep Date: **10/26/2022**	Analysis Date: **10/28/2022**	SeqNo: **3310523** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.025	1.000	0	118	80	120			
Toluene	1.2	0.050	1.000	0	118	80	120			
Ethylbenzene	1.2	0.050	1.000	0	116	80	120			
Xylenes, Total	3.5	0.10	3.000	0	116	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		113	70	130			

Sample ID: **mb-71084**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **71084**	RunNo: **92196**
Prep Date: **10/26/2022**	Analysis Date: **10/28/2022**	SeqNo: **3310524** 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	1.1		1.000		112	70	130			

Sample ID: **lcs-71125**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **71125**	RunNo: **92196**
Prep Date: **10/27/2022**	Analysis Date: **10/29/2022**	SeqNo: **3310571** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.2		1.000		121	70	130			

Sample ID: **mb-71125**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **71125**	RunNo: **92196**
Prep Date: **10/27/2022**	Analysis Date: **10/29/2022**	SeqNo: **3310572** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.2		1.000		120	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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EOG | Work Order Number: 2210C52 | RcptNo: 1

Received By: Juan Rojas 10/26/2022 7:10:00 AM

Completed By: Sean Livingston 10/26/2022 7:50:06 AM

Reviewed By: JR 10/26/22

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
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: KPC 10.26.22

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

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

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.3	Good				

Chain-of-Custody Record

Client: Artesia EOG / Ranger Env

Mailing Address: On file

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: EOG 5 DAY TAT
☑ Standard ☑ Rush

Project Name: Inex #3

Project #: 5375

Project Manager: W. Kierdorf

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.1-0.1=3.3 (°C)

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. 2210652	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)
10-24-22	1130	soil	NE-3-B(B)@6	(1)402)jar	ICE	001	X	X					X			
	1214		NE-3-B(B)@13			002										
	~~1400~~ 1400		ESE-1(B)@12'			003										
	~~1416~~ 1416		ESE-1(B)@14			004										
	~~1440~~ 1440		E-1-D(B)@8'			005										
	~~1448~~ 1448		E-1-D(B)@10			006										
	~~1502~~ 1502		ESE-2-A(A) 10			007										
	1530		ESE-2-A(A) 13			008										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10-25-22	0821	J. Martinez			10/25/22	821
10/25/22	1900				10/26/22	7:10

Remarks:

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.

ATTACHMENT 3

NMOCD Correspondence

Will Kierdorf <will@rangerenv.com> Sep 23, 2022, 4:15 PM (12 days ago)
to Mike,, Adam, JesseK.Tremaine, Eric,, Katie, Chase, Carolyn, Patrick

Mr. Bratcher,

On behalf of EOG Resources, Inc., please let this email serve as notification that site assessment soil sampling activities are to be conducted at the subject site beginning on Wednesday September 28, 2022 at 7 AM.

Inex #3
nAPP2110635348
A-26-T18S-R26E
Eddy County, NM

If you have any questions please feel free to contact me.

Thank you,

--
Will Kierdorf, REM
Project Manager
Ranger Environmental Services, Inc.
P.O. Box 201179
Austin, TX 78720
Phone: 512-335-1785
Fax: 512-335-0527

Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov> Fri, Sep 23, 4:32 PM (12 days ago)
to Jesse,, me, Adam, Eric,, Katie, Chase, Carolyn, Patrick

Will,

Notification received. Please include a copy of all notifications in the closure report to insure inclusion in the project file. Please proceed on your schedule.

Thank you,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@emnrd.nm.gov *NOTE NEW EMAIL ADDRESS*
http://www.emnrd.state.nm.us/OCD/

Will Kierdorf <will@rangerenv.com> Tue, Oct 4, 4:34 PM (15 hours ago)
to Michael,, Adam, Jesse,, Eric,, Katie, Chase, Carolyn, Patrick

Mr. Bratcher,

As you are aware, assessment soil sampling activities were completed at the Inex #3 (nAPP2110635348) site this past Wednesday (September 28, 2022). Due to a concentration of a soil sample collected at depth in ore of the completed assessment boring locations, additional assessment is potentially necessary to adequately delineate elevated concentrations at the location. Upon discussion with the drilling contractor, the task can be completed tomorrow morning as they have last minute availability. Samples collected during the activities will be utilized as assessment/delineation information for the subject incident.

Please let this email serve as notice that the activities will be completed starting tomorrow October 5th at 10 AM.

Inex #3
nAPP2110635348
A-26-T18S-R26E
Eddy County, NM

If you have any questions or would like any additional information please do not hesitate to contact me.

Thank you,

Bratcher, Michael, EMNRD Oct 4, 2022, 4:40 PM (15 hours ago)
to me, Adam, Jesse,, Eric,, Katie, Chase, Carolyn, Patrick

Will,

Thank you for the notice. Please proceed on your schedule.

Thank you,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@emnrd.nm.gov *NOTE NEW EMAIL ADDRESS*
http://www.emnrd.state.nm.us/OCD/

Sampling Notification - Inex #3 (nAPP2110635348)

External Inbox ×

Will Kierdorf <will@rangerenv.com> Wed, Oct 19, 3:23 PM (22 hours ago)
to Michael,, Adam, Carolyn, Chase, Eric,, Jesse,, Katie, Patrick

Mr. Bratcher,

On behalf of EOG Resources, Inc., please let this email serve as notification that site assessment soil sampling activities are to be conducted at the subject site beginning on Monday October 24, 2022 at 7 AM.

Inex #3
nAPP2110635348
A-26-T18S-R26E
Eddy County, NM

If you have any questions please feel free to contact me.

Thank you,

—
Will Kierdorf, REM
Project Manager
Ranger Environmental Services, Inc.
P.O. Box 201179
Austin, TX 78720
Phone: 512-335-1785
Fax: 512-335-0527

Bratcher, Michael, EMNRD 2:18 PM (0 minutes ago)
to me, Adam, Carolyn, Chase, Eric,, Jesse,, Katie, Patrick

Mr. Kierdorf,

Thank you for the notification. Please proceed on your schedule.

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@emnrd.nm.gov *NOTE NEW EMAIL ADDRESS*
http://www.emnrd.state.nm.us/OCD/

ATTACHMENT 4

SOIL BORING LOGS

Ranger Environmental Services, LLC
P.O. Box 201179,
Austin, Texas 78720
Phone: (512)335-1785
Fax: (512)335-0527

$ &' (! Ā 1) $" &Ā$I JK 2 IH
0- ! " ĀHĀ5ĀH

,Ā '"(* EOG Resources, Inc.

0& L", *Ā -) " Inex #3

0& L", *Ā 1) $"& 5375

0& L", *Ā , -*' (Eddy County, New Mexico

#- *"Ā* - &*"# 9/28/22 ,) 0À"*"# 9/28/22

! & 1(#Ā2 - *"& Ā"3"À/4

#&'ÀÀ'(! Ā, (*&- , * & HCl

- *Ā*) "Ā 5Ā#&'ÀÀ'(! --- Dry

#&'ÀÀ'(! Ā)"*+ # Air Rotary

-5 *"&Ā#&'ÀÀ'(! --- Dry

À !!" #Ā$% Keith Copeland ,+" , ." #Ā$% Patrick Finn

$* , Ā6Ā$789 Ā9; Ā <Ā,=>?@
! $Ā6Ā!B=CĀ/=D; 87
!" Ā6Ā 79E7FGĀ= D; 87

!0 / Ā &#" (- *"/ 32.72404°, -104.345940°

DEPTH (ft)	SOIL SAMPLE ANALYSIS	FIELD CHLORIDE READING (In ppm)	PID (In ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						Casing Type: 2" Diameter PVC
		2,475	1		(ML) Silt, buff to tan, minor caliche inclusions	
5		3,750	1			Riser
10		>3,750	0			
15	GB	>3,750	0		Minor evaporites at 15'-17'	
20		3,750	0	20.0		Temporary Well Screen
					(CL) Clay, light brown, blocky, firm, damp, friable, poor recovery from 20'-22'	
25		600	0		Minor hard caliche inclusions at 26'-26.5" & 27'-27.7'	
30	GB	600	0			
	GB	275	0	31.5 32.0	Caliche, buff, hard, dry	

Bottom of borehole at 32.0 feet.

Note: Well was gauged on three occasions between 09/30/2022 and 10/05/2022 and was found to be dry. As such, the well was plugged and abandoned on 10/05/2022.

ENVIRONMENTAL BH - GINT STD US.GDT - 11/8/22 15:22 - R:\DRAFTING FILES\GINT LOGS\5375 - INEX #3 - BORING LOGS.GPJ

Ranger Environmental Services, LLC
P.O. Box 201179,
Austin, Texas 78720
Phone: (512)335-1785
Fax: (512)335-0527

$ &' (! Ā 1) $" &Ā$I MK2 IN
0- ! "ĀHĀ5ĀH

,Ā '"(* EOG Resources, Inc.
0& L", *Ā -) " Inex #3
0& L", *Ā 1) $"& 5375
0& L", *ĀÀ , - *' (Eddy County, New Mexico
#- *"Ā* - &*"# 9/28/22 ,) 0À"*"# 10/5/22
! & 1(#Ā2 - *"& Ā"3"À/4
#&'ÀÀ'(! Ā, (*&- , * & HCl
- *Ā*) "Ā 5Ā#&'ÀÀ'(! --- Dry
#&'ÀÀ'(! Ā)"*+ # Air Rotary
-5 *"&Ā#&'ÀÀ'(! --- Dry
À !!" #Ā$% Keith Copeland ,+" , ." #Ā$% Patrick Finn
$* , ĀĀ$789 Ā9; Ā <Ā,=>?@
! $ĀĀ!B=CĀ/=D; 87
!0 / Ā &#" (- *"/ 32.724088°, -104.346008°
!" Ā6Ā 79E7FGĀ= D; 87

DEPTH (ft)	SOIL SAMPLE ANALYSIS	FIELD CHLORIDE READING (In ppm)	PID (In ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						Casing Type: 2" Diameter PVC
		>3,750	0		(ML) Silt, light brown, minor buff caliche inclusions common	
5		>3,750	0			Riser
10		>3,750	0		Minor evaporites from 10'-17'	
15		>3,750	0			
20	GB	>3,750	0			
					20.0 (ML) Silt, tan, minor buff, caliche inclusions, clayey	Temporary Well Screen
					23.0 (CL) Clay, gray, plastic, damp	
25		2,400	0		25.0 (CL) Clay, red, silty, minor buff caliche inclusions	
30	GB	1,650	0		31.0	
	GB	750	0		32.0 (CL) Clay, light brown, firm, damp	
	GB	300	0		33.0 Caliche, white, firm, dry	

Bottom of borehole at 33.0 feet.

Note: Well was gauged on three occasions between 09/30/2022 and 10/05/2022 and was found to be dry. As such, the well was plugged and abandoned on 10/05/2022.

ENVIRONMENTAL BH - GINT STD US.GDT - 11/8/22 15:22 - R:\DRAFTING FILES\GINT LOGS\5375 - INEX #3 - BORING LOGS.GPJ

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2110635348
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

Variance requested per 19.15.29.14 NMAC to allow use of a liner as part of the Remediation Plan

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: 11/17/2022

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

OCD Only

Received by: Jocelyn Harimon Date: 01/06/2023

- [ ] Approved
- [X] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: Robert Hamlet Date: 5/9/2023

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 173347

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	7377
	Action Number: 173347
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. The variance for limited soil removal is denied. A liner is approved with the stipulation that as much of the contaminated soil is safely removed as possible. After contaminated soil is removed, back fill excavation to 6' below ground surface with clean material, install liner, backfill to surface with clean material. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	5/9/2023