

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	nAPP2111040373,
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) nAPP2111040373
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

### Location of Release Source

Latitude 32.44649 Longitude -104.49013  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name Pan Am Pardue AIZ Federal #1	Site Type Battery
Date Release Discovered 04/07/2021	API# (if applicable) 30-015-10728

Unit Letter	Section	Township	Range	County
N	27	21S	24E	Eddy

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> 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.

State of New Mexico  
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> 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: <u>Chase Settle</u> Title: <u>Rep Safety &amp; Environmental Sr</u> Signature: <u></u> Date: <u>04/19/2021</u> email: <u>Chase_Settle@eogresources.com</u> Telephone: <u>575-748-1471</u>
<b><u>OCD Only</u></b> Received by: _____ Date: _____

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## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	Unknown (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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

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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:  Type text here Date: 08/31/2021  
 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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## Remediation Plan

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

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr  
 Signature:  Date: 08/31/2021  
 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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## 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: Chase Settle Title: Rep Safety & Environmental Sr  
 Signature: Chase Settle Date: 03/29/2022  
 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**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: Jennifer Nobui Date: 04/18/2022  
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

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

Our ref: 11228315

March 25, 2022

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

Re: **Site Characterization and Closure Report  
Pan Am Pardue AIZ Federal #1 Release Site  
EOG Resources Inc.  
Incident ID: nAPP2111040373  
N-27-21S-24E, Eddy County, New Mexico**

To Whom It May Concern:

## 1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Characterization and Closure Report to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of delineation, sampling, analyses, and remedial activities in the affected areas at the EOG Pan Am AIZ Federal #1 Release Site (Site). The Site is located in Unit Letter N Section 27 of Township 21 South and Range 24 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.44649 N latitude and 104.49013 W longitude. The release occurred on land managed by the Bureau Of Land Management (BLM). Figure 1 depicts the Site location. The EOG production facility and other site details are depicted on Figures 2 and 3, respectively.

## 2. Background Information

A C-141 initial report for this release was submitted to the NMOCD on April 19, 2021. The C-141 stated that no known volume or date could be assigned to this historical release. The potential release area was discovered during EOG well plugging and site abandonment activities associated with this location. Soils within the former tank battery containment appeared to be discolored and after discussions between field personnel and environmental staff – EOG made the decision to go ahead and file a C-141 for this suspect release location.

A Site Characterization and Remediation Work Plan (Backfill Request) dated August 31, 2021 was submitted to the NMOCD for approval. The report documented delineation and remediation activities at the site and requested approval to backfill the excavation. The work plan was approved by the NMOCD on January 19, 2022. The Release Notification, Site Assessment/Characterization, Remediation Plan and Closure portions of Form C-141 for Incident Number nAPP2111040373 are attached to the front of this report.

### 3. Groundwater and Site Characterization

GHD characterized the Site according to Table 1, Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12). The release falls under the jurisdiction of the NMOCD District 2 in Artesia, New Mexico.

According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is located within an area of high karst potential so the release must be treated as if it occurred less than 50 feet from groundwater. No other receptors (water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. No groundwater data could be located within one-half mile of the Site. The Site characterization documentation (Karst Potential, FEMA, Points of Diversion and Wetlands maps) are provided in Attachment A. The soil and closure criteria are listed below:

#### General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft.)
High Karst Potential Area	Unknown, Treated as <50 ft.

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

Constituent	Limits
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
TPH (GRO+DRO)	N/A
Benzene	10mg/kg
BTEX	50 mg/kg

### 4. Initial Soil Delineation Assessment Summary and Findings

On May 17, 2021, GHD Services Inc. (GHD) and EOG's contractor BDS Enterprises, LLC (BDS), on behalf of EOG, installed seven (7) test pits within the former tank battery containment at the Site. The test pit locations were excavated to approximately one (1) foot below ground surface (bgs) with samples collected from the bottom of the test pits.

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico. Five of the seven soil samples exceeded applicable NMAC Table 3.1 Closure Criteria, TP1, TP3, TP5, TP6 and TP7. Figure 2, Site Assessment: Soil Analytical Results Map, depicts the locations of the initial delineation samples and analytical concentrations. Analytical results are provided in Table 1, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment C.

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

Due to the preliminary soil sampling activities exhibiting TPH exceedance above the closure criteria in the above Table 3.1 values, GHD and BDS returned to the site on June 3, 2021, to excavate the affected soils. Two distinct contaminated portions (**Area A** and **Area B**) were separated by a (30) foot long strand of

uncontaminated soil within the containment area. As shown in Figure 3, two sidewall and eleven bottom hole confirmation composite samples were collected in **Area A** (BH-1 through BH-11, SW-1 and SW-2), while two sidewall and two bottom hole composite confirmation samples were collected in **Area B** (BH-12, BH-13, SW-3 & SW-4). All confirmation samples were taken to HEAL in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Confirmation samples collected represented areas no greater than (200) square feet. Laboratory Analytical Reports and Chain-of- Custody Documentation are provided in Attachment C. Analytical results are summarized in attached Table 1.

On June 3 and 4, 2021, thirteen (13) bottom hole composite confirmation samples (BH-1 through BH-13) and four (4) sidewall composite confirmation samples (SW-1 through SW-4) were collected from areas representing no more than 200 square feet. A hard bedrock layer was encountered at depths ranging from approximately eight (8) inches to two (2) feet bgs. Analytical results indicated eleven (11) out of seventeen (17) confirmation samples (**Area A:** BH-2, BH-3, BH-4, BH-8, BH-9, BH-10, BH-11, SW-1 and SW-2 / **Area B:** BH-13 and SW-3) had TPH concentrations above NMAC Table 1 Closure Criteria for depth to groundwater less than or equal to fifty (50) feet. None of the composite confirmation samples exhibited benzene, BTEX or chloride concentrations above Table 1 closure criteria.

GHD and Culberson Construction Energy Services (CCI) returned to the site on June 18, 2021, to conduct further remediation activities and to re-sample areas that had previously exceeded Table 1 concentrations. Composite confirmation samples were collected by use of backhoe which assisted in scraping collectable samples off the bedrock. Eight (8) bottom hole (BH-2A, BH-3A, BH-4A, BH-8A through BH-11A, and BH-13A) and three (3) sidewall (SW-1A through SW-3A) samples were collected from areas representing no more than 200 square feet. Samples were then taken to HEAL in Albuquerque, New Mexico. Analytical results indicated five (5) samples (BH-2A, BH-3A, BH-8A, BH-9A, and BH-13A) had Total TPH concentrations exceeding Table 1 closure criteria. No samples exhibited benzene, BTEX or chloride concentrations above Table 1 closure criteria.

On July 9, 2021, GHD and CCI returned to the site after further remediation activities to re-sample the locations that had Total TPH concentrations that exceeded Table 1 closure criteria (**Area A:** BH-2A, BH-3A, BH-8A, BH-9A / **Area B:** BH-13A). This involved a trackhoe with a hammer attachment to gather collectable samples from the bedrock. The bedrock was swept free of debris before any samples were collected. Composite confirmation samples BH-2B, BH-3B, BH-8B, BH-9B, and BH-13B were collected from areas representing no more than 200 square feet and were submitted to HEAL in Albuquerque, New Mexico. Analytical results indicated two samples (**Area A:** BH-8B and BH-9B) still had Total TPH concentrations above Table 1 closure criteria. No samples exhibited benzene, BTEX or chloride concentrations above Table 1 closure criteria.

The two areas represented by soil samples (**Area A:** BH-8B and BH-9B) were further hammered out and re-sampled on July 20, 2021. Re-samples (**Area A:** BH-8 and BH-9) indicated chloride, TPH, benzene and BTEX concentrations were below NMAC Table 1 closure criteria.

Waste management activities were performed in coordination with EOG directives. EOG obtained regulatory approval via the successful processing of Form C-138 Request for Approval to Accept Solid Waste. The waste was approved for acceptance at the OCD-permitted (WM-1-035), Lea Land, LLC facility located at MM64, Highway 62/180 East, Carlsbad, NM, 88220. Approximately 252 tons of impacted soil and rock were disposed at Lea Land, LLC. The waste manifests from June 4 and August 9-10, 2021, shipping dates are provided in Attachment D.

## 6. nAPP2111040373 Closure Request

On January 19, 2022, the NMOCD approved the Site Characterization and Remediation Work Plan (Backfill Request). The Excavation was backfilled with non-impacted material on January 25, 2022. Site Characterization, soil delineation, and remediation activities for this incident number have been performed in accordance with applicable NMOCD guidance and regulations. Based upon supporting documentation provided in this report, GHD, on behalf of EOG, respectfully requests closure and no further regulatory actions for nAPP2111040373.

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

Sincerely,

GHD



Becky Haskell  
Senior Project Manager



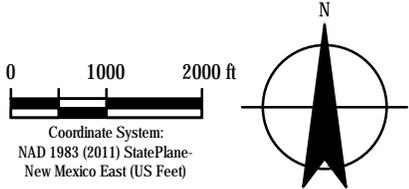
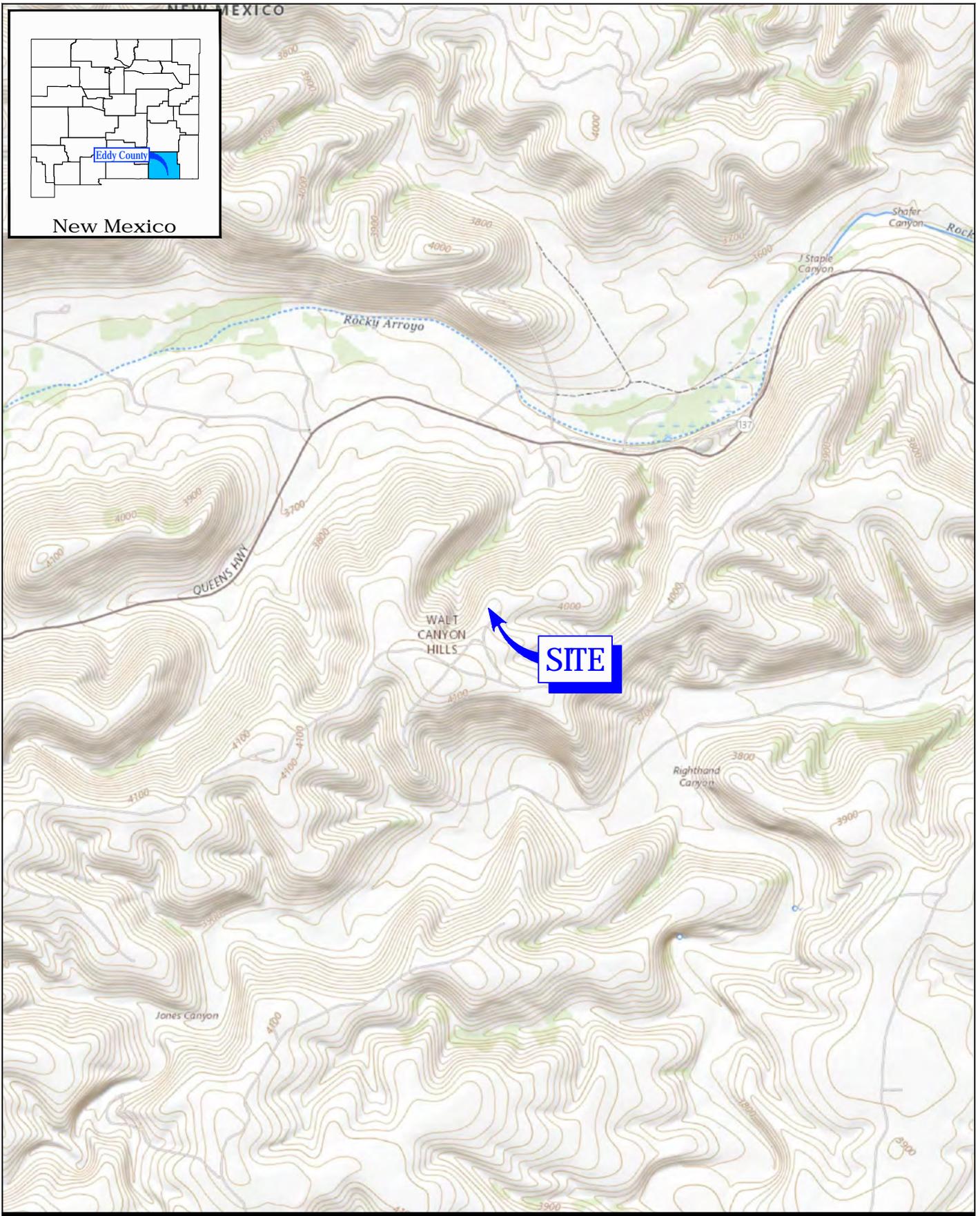
Zach H. Comino  
Field Geologist

BH/ZC/1

- Encl. Figure 1 – Site Location Map  
Figure 2 – Initial Assessment Soil Concentration Map  
Figure 3 – Confirmation Sampling Soil Analytical Results Map  
Table 1 – Summary of Soil Analytical Data  
Attachment A – Site Characterization Documentation  
Attachment B – Photographic Log  
Attachment C – Laboratory Analytical Reports and Chain-of-Custody Documentation  
Attachment D – Waste Manifests

cc: Chase Settle

# Figures

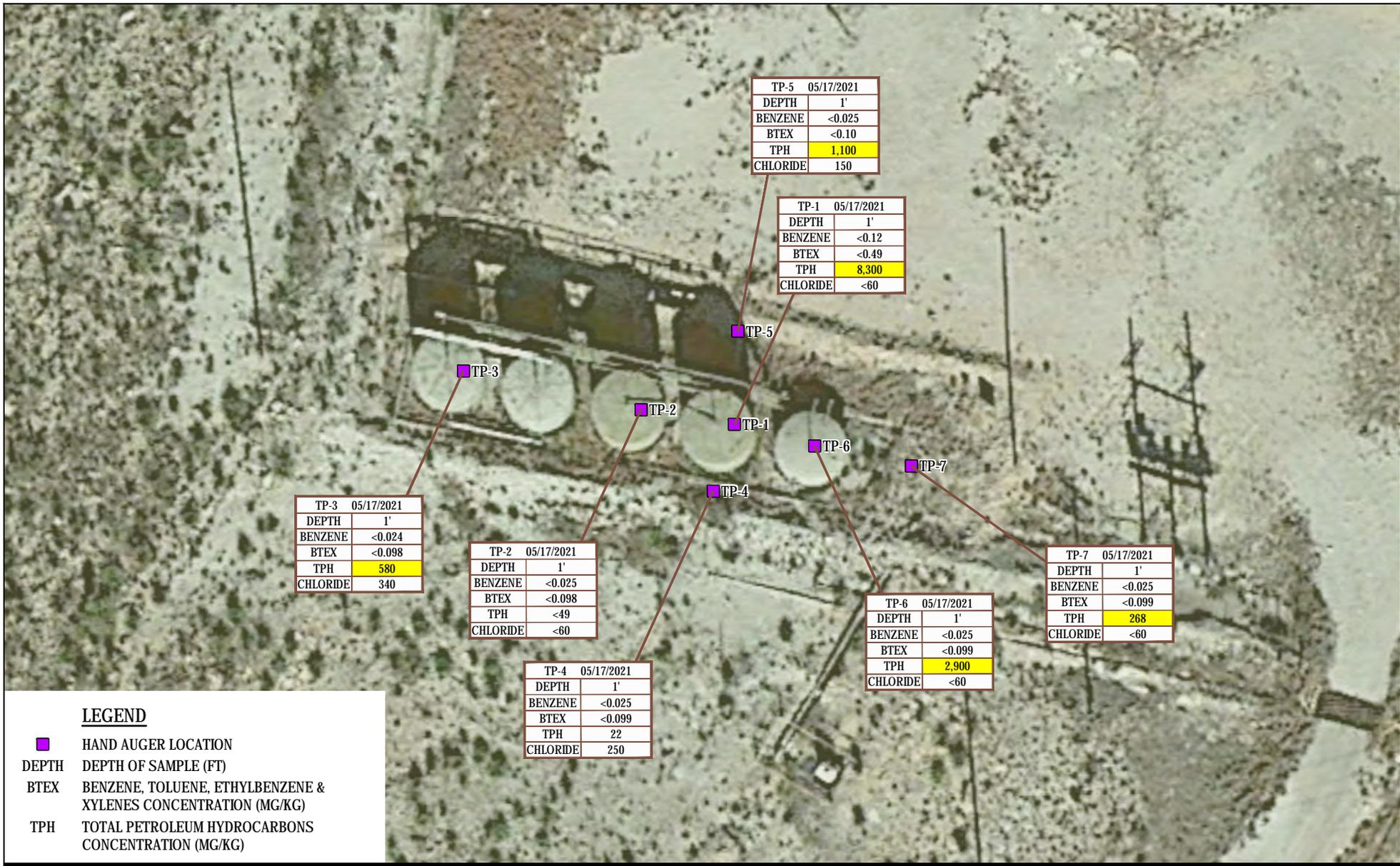


EOG RESOURCES  
EDDY COUNTY, NEW MEXICO  
PAN AM AIZ FEDERAL No. 1

Project No. 11228315  
Date August 2021

SITE LOCATION MAP

FIGURE 1



**LEGEND**

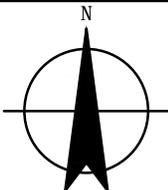
- HAND AUGER LOCATION
- DEPTH DEPTH OF SAMPLE (FT)
- BTEX BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG)
- TPH TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)

**NOTES:**

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



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

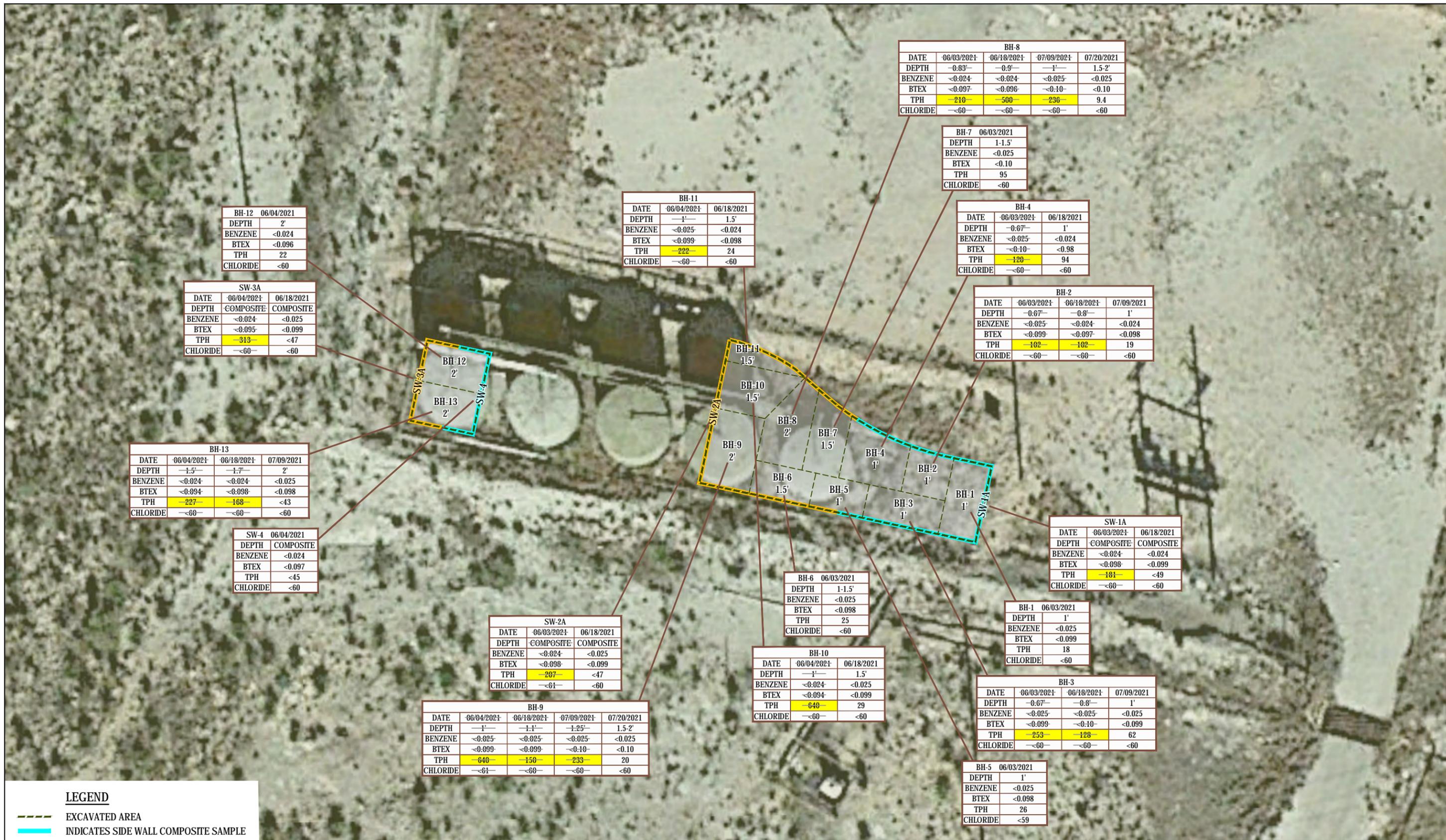


EOG RESOURCES  
EDDY COUNTY, NEW MEXICO  
PAN AM AIZ FEDERAL No. 1

Project No. 11228315  
Date August 2021

SITE ASSESSMENT:  
SOIL ANALYTICAL RESULTS MAP

**FIGURE 2**

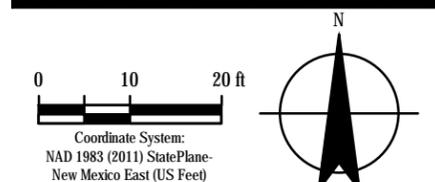


**LEGEND**

- EXCAVATED AREA
- INDICATES SIDE WALL COMPOSITE SAMPLE
- INDICATES SIDE WALL COMPOSITE SAMPLE
- DEPTH DEPTH OF SAMPLE (FT)
- BTEX BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG)
- TPH TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)
- COMPOSITE SAMPLE POINT EXCAVATED

**NOTES:**

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



EOG RESOURCES  
 EDDY COUNTY, NEW MEXICO  
 PAN AM AIZ FERDRAL No. 1  
 POST-REMEDIATION  
 FINAL CONFIRMATION  
 ANALYTICAL RESULTS MAP

Project No. 11228315  
 Date August 2021

**FIGURE 3**

# Tables

**Table 1**  
**Summary of Soil Analytical Data**  
**Pan Am AIZ Federal #1**  
**EOG Resources**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (feet bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
			(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	(mg/Kg)
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/Kg	---	---	---	50 mg/Kg	---	---	---	100 mg/Kg	600 mg/Kg
<b>Test Pit Samples</b>												
TP1	5/17/21	1	<0.12	<0.25	<0.25	<0.49	<0.49	<25	3,800	4,500	8,300	<60
TP2	5/17/21	1	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<49	<60
TP3	5/17/21	1	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	160	420	580	340
TP4	5/17/21	1	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	22	<46	22	250
TP5	5/17/21	1	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	380	720	1,100	150
TP6	5/17/21	1	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	1,300	1,600	2,900	<60
TP7	5/17/21	1	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	68	200	268	<60
<b>Bottom Hole Confirmation Samples</b>												
BH-1	6/3/21	1	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	18	<45	18	<60
BH-2	6/3/21	0.67	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	36	66	102	<60
BH-2A	6/18/21	0.8	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	47	55	102	<60
BH-2B	7/9/21	1	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	19	<40	19	<60
BH-3	6/3/21	0.67	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	83	170	253	<60
BH-3A	6/18/21	0.8	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	52	76	126	<60
BH-3B	7/9/21	1	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	18	44	62	<60
BH-4	6/3/21	0.67	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	38	82	120	<60
BH-4A	6/18/21	1	<0.024	<0.049	<0.049	<0.98	<0.98	<4.9	41	53	94	<60
BH-5	6/3/21	1	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	26	<49	26	<59
BH-6	6/3/21	1-1.5'	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	25	<44	25	<60
BH-7	6/3/21	1-1.5'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	34	61	95	<60
BH-8	6/3/21	0.83	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	80	130	210	<60
BH-8A	6/18/21	0.9	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	210	290	500	<60
BH-8B	7/9/21	1	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	76	160	230	<60
BH-8	7/20/21	1.5-2	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	9.4	<44	9.4	<60
BH-9	6/4/21	1	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	240	400	640	<61
BH-9A	6/18/21	1.1	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	52	98	150	<60
BH-9B	7/9/21	1.25	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	83	150	233	<60
BH-9	7/20/21	1.5-2	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	20	<44	20	<60
BH-10	6/4/21	1	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	230	410	640	<60
BH-10A	6/18/21	1.5	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	29	<49	29	<60
BH-11	6/4/21	1	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	82	140	222	<60
BH-11A	6/18/21	1.5	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	24	<47	24	<60

**Table 1**  
**Summary of Soil Analytical Data**  
**Pan Am AIZ Federal #1**  
**EOG Resources**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (feet bgs)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	BTEX (mg/Kg)	TPH				Chloride (mg/Kg)
								GRO (C6-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	MRO (C28-C35) (mg/Kg)	Total GRO/DRO/MRO (mg/Kg)	
								Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC				
10 mg/Kg	---	---	---	50 mg/Kg	---	---	---	100 mg/Kg	600 mg/Kg			
BH-12	6/4/21	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<b>22</b>	<46	<b>22</b>	<60
BH-13	6/4/21	1.5	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<b>87</b>	<b>140</b>	<b>227</b>	<60
BH-13A	6/18/21	1.7	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<b>38</b>	<b>130</b>	<b>166</b>	<60
BH-13B	7/9/21	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<8.7	<43	<43	<60
<b>Side Wall Confirmation Samples</b>												
SW-1	6/3/21	composite	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<b>61</b>	<b>120</b>	<b>181</b>	<60
SW-1A	6/18/21	composite	<0.024	<0.049	<0.049	<0.099	<0.099	<4.9	<9.8	<49	<49	<60
SW-2	6/3/21	composite	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<b>67</b>	<b>130</b>	<b>207</b>	<61
SW-2A	6/18/21	composite	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.5	<47	<47	<60
SW-3	6/4/21	composite	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<b>83</b>	<b>230</b>	<b>313</b>	<60
SW-3A	6/18/21	composite	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.3	<47	<47	<60
SW-4	6/4/21	composite	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.0	<45	<45	<60

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

5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
7. Yellow shaded cells indicate analytical samples that exceed the NMOG 19.15.29.12 Table 1 Closure Criteria for the site.
8. J - the target analytes was positively identified below the quantitation limit and above the detection limit.

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

# Attachment A Site Characterization Documentation

# Pan Am AIZ Federal #1

Karst Potential Map

## Legend

-  High
-  Low
-  Medium
-  Pan Am AIZ Federal #1

 Pan Am AIZ Federal #1



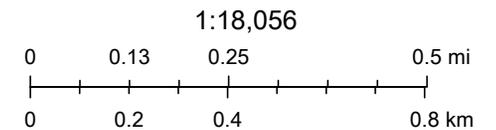
1000 ft

# Pan Am AIZ Federal #1



7/4/2021 2:09:47 PM

GIS WATERS PODs  OSE District Boundary  
● Active  SiteBoundaries



Esri, HERE, IPC, U.S. Department of Energy Office of Legacy Management,

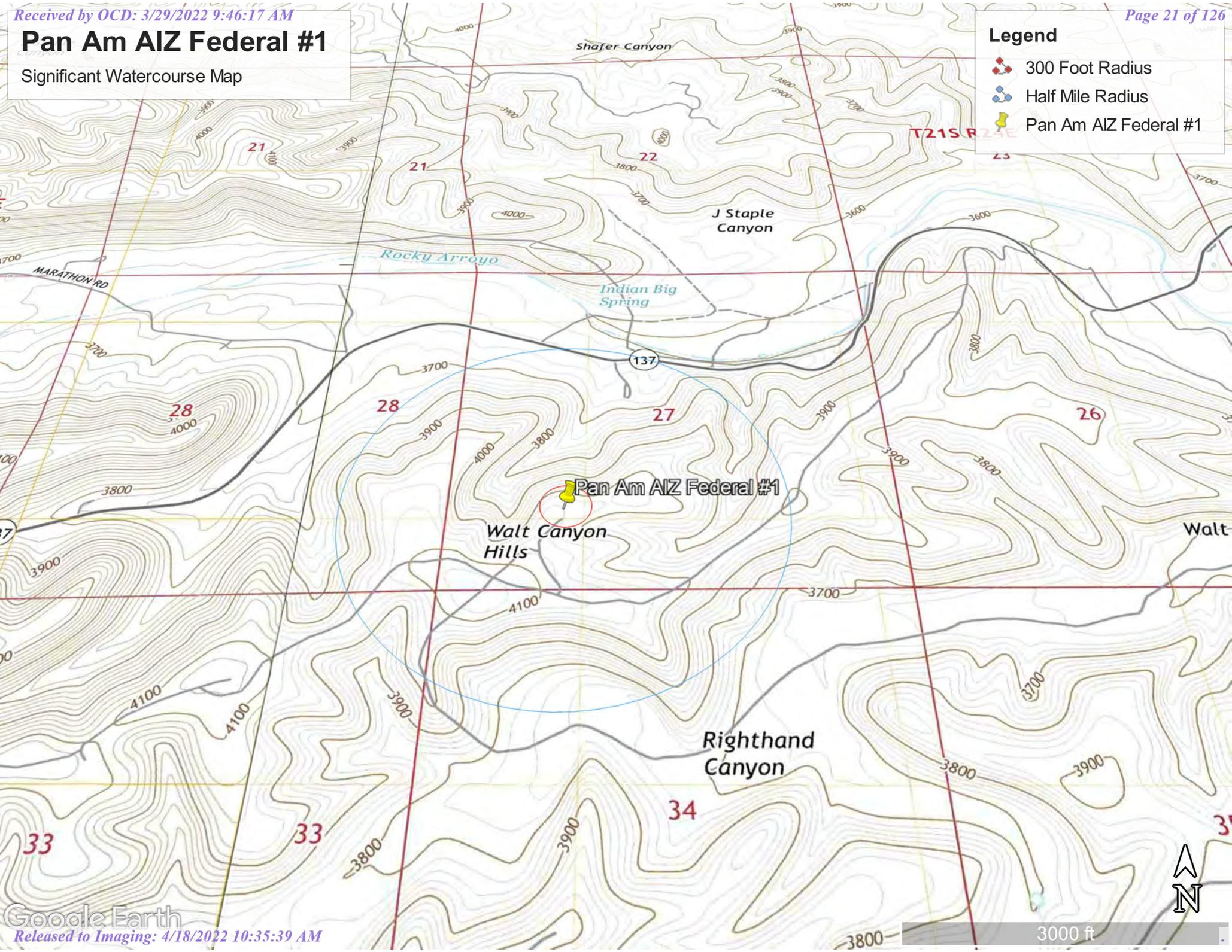
Printed from Public Web Map  
Unofficial Map from OSE POD Locations Web Application

# Pan Am AIZ Federal #1

## Significant Watercourse Map

### Legend

-  300 Foot Radius
-  Half Mile Radius
-  Pan Am AIZ Federal #1





# Pan Am AIZ Federal #1



July 4, 2021

### Wetlands

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

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

# National Flood Hazard Layer FIRMette



104°29'43"W 32°27'3"N



## Legend

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

- |                                    |  |  |
|------------------------------------|--|--|
| <b>SPECIAL FLOOD HAZARD AREAS</b>  |  | Without Base Flood Elevation (BFE)<br><i>Zone A, V, A99</i>  |
|                                    |  | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>   |
|                                    |  | Regulatory Floodway  |
| <b>OTHER AREAS OF FLOOD HAZARD</b> |  | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i> |
|                                    |  | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>  |
|                                    |  | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>  |
|                                    |  | Area with Flood Risk due to Levee <i>Zone D</i>  |
| <b>OTHER AREAS</b>                 |  | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>   |
|                                    |  | Effective LOMRs  |
| <b>GENERAL STRUCTURES</b>          |  | Area of Undetermined Flood Hazard <i>Zone D</i>  |
|                                    |  | Channel, Culvert, or Storm Sewer   |
|                                    |  | Levee, Dike, or Floodwall  |
| <b>OTHER FEATURES</b>              |  | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation  |
|                                    |  | 17.5 Coastal Transect  |
|                                    |  | Base Flood Elevation Line (BFE)  |
|                                    |  | Limit of Study   |
|                                    |  | Jurisdiction Boundary  |
|                                    |  | Coastal Transect Baseline  |
| <b>MAP PANELS</b>                  |  | Digital Data Available   |
|                                    |  | No Digital Data Available  |
|                                    |  | Unmapped   |
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



0 250 500 1,500 2,000 Feet 1:6,000 104°29'6"W 32°26'32"N

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **8/13/2021 at 11:40 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

# Attachment B Photographic Log



Photo 1 – Area A



Photo 2 – Area A



**Site Photograph**  
**EOG Pan Am AIZ Federal #1**  
**Release Site.**

GHD | Report for EOG | 11228315



Photo 3 Area B



**Site Photograph**  
**EOG Pan Am AIZ Federal #1**  
**Release Site.**

GHD | Report for EOG | 11228315

# Attachment C Laboratory Analytical Reports and Chain-of- Custody Documentation



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

May 21, 2021

Tom Larson

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX:

RE: Pan Am AI2 Federal 1

OrderNo.: 2105797

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 7 sample(s) on 5/19/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order: 2105797

Date Reported: 5/21/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD  
Project: Pan Am AI2 Federal 1

Lab Order: 2105797

Lab ID: 2105797-001

Collection Date: 5/17/2021 11:55:00 AM

Client Sample ID: TP1

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	5/20/2021 11:28:59 AM	60151
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	3800	92		mg/Kg	10	5/20/2021 10:46:59 AM	60136
Motor Oil Range Organics (MRO)	4500	460		mg/Kg	10	5/20/2021 10:46:59 AM	60136
Surr: DNOP	0	70-130	S	%Rec	10	5/20/2021 10:46:59 AM	60136
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	25	D	mg/Kg	5	5/20/2021 8:24:21 PM	60129
Surr: BFB	97.7	70-130	D	%Rec	5	5/20/2021 8:24:21 PM	60129
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.12	D	mg/Kg	5	5/20/2021 8:24:21 PM	60129
Toluene	ND	0.25	D	mg/Kg	5	5/20/2021 8:24:21 PM	60129
Ethylbenzene	ND	0.25	D	mg/Kg	5	5/20/2021 8:24:21 PM	60129
Xylenes, Total	ND	0.49	D	mg/Kg	5	5/20/2021 8:24:21 PM	60129
Surr: 4-Bromofluorobenzene	106	70-130	D	%Rec	5	5/20/2021 8:24:21 PM	60129

Lab ID: 2105797-002

Collection Date: 5/17/2021 12:00:00 PM

Client Sample ID: TP2

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	5/20/2021 11:41:24 AM	60151
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/20/2021 10:13:49 AM	60136
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/20/2021 10:13:49 AM	60136
Surr: DNOP	108	70-130		%Rec	1	5/20/2021 10:13:49 AM	60136
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/20/2021 11:32:42 PM	60129
Surr: BFB	98.8	70-130		%Rec	1	5/20/2021 11:32:42 PM	60129
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/20/2021 11:32:42 PM	60129
Toluene	ND	0.049		mg/Kg	1	5/20/2021 11:32:42 PM	60129
Ethylbenzene	ND	0.049		mg/Kg	1	5/20/2021 11:32:42 PM	60129
Xylenes, Total	ND	0.098		mg/Kg	1	5/20/2021 11:32:42 PM	60129
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	5/20/2021 11:32:42 PM	60129

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

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

**Analytical Report**

Lab Order: 2105797

Date Reported: 5/21/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AI2 Federal 1

**Lab Order:** 2105797

**Lab ID:** 2105797-003

**Collection Date:** 5/17/2021 12:05:00 PM

**Client Sample ID:** TP3

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	340	60		mg/Kg	20	5/20/2021 12:24:43 PM	60151
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	160	10		mg/Kg	1	5/20/2021 11:41:13 AM	60136
Motor Oil Range Organics (MRO)	420	50		mg/Kg	1	5/20/2021 11:41:13 AM	60136
Surr: DNOP	96.3	70-130		%Rec	1	5/20/2021 11:41:13 AM	60136
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/21/2021 12:43:48 AM	60129
Surr: BFB	96.5	70-130		%Rec	1	5/21/2021 12:43:48 AM	60129
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	5/21/2021 12:43:48 AM	60129
Toluene	ND	0.049		mg/Kg	1	5/21/2021 12:43:48 AM	60129
Ethylbenzene	ND	0.049		mg/Kg	1	5/21/2021 12:43:48 AM	60129
Xylenes, Total	ND	0.098		mg/Kg	1	5/21/2021 12:43:48 AM	60129
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	5/21/2021 12:43:48 AM	60129

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

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

**Analytical Report**

Lab Order: 2105797

Date Reported: 5/21/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD **Lab Order:** 2105797  
**Project:** Pan Am AI2 Federal 1

**Lab ID:** 2105797-004 **Collection Date:** 5/17/2021 12:10:00 PM  
**Client Sample ID:** TP4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	250	60		mg/Kg	20	5/20/2021 12:37:07 PM	60151
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	22	9.1		mg/Kg	1	5/20/2021 10:23:29 AM	60136
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/20/2021 10:23:29 AM	60136
Surr: DNOP	80.6	70-130		%Rec	1	5/20/2021 10:23:29 AM	60136
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/21/2021 1:07:31 AM	60129
Surr: BFB	96.6	70-130		%Rec	1	5/21/2021 1:07:31 AM	60129
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/21/2021 1:07:31 AM	60129
Toluene	ND	0.049		mg/Kg	1	5/21/2021 1:07:31 AM	60129
Ethylbenzene	ND	0.049		mg/Kg	1	5/21/2021 1:07:31 AM	60129
Xylenes, Total	ND	0.099		mg/Kg	1	5/21/2021 1:07:31 AM	60129
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	5/21/2021 1:07:31 AM	60129

**Lab ID:** 2105797-005 **Collection Date:** 5/17/2021 12:15:00 PM  
**Client Sample ID:** TP5 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	150	60		mg/Kg	20	5/20/2021 12:49:32 PM	60151
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	380	8.1		mg/Kg	1	5/20/2021 12:00:42 PM	60136
Motor Oil Range Organics (MRO)	720	40		mg/Kg	1	5/20/2021 12:00:42 PM	60136
Surr: DNOP	120	70-130		%Rec	1	5/20/2021 12:00:42 PM	60136
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/21/2021 1:31:00 AM	60129
Surr: BFB	97.6	70-130		%Rec	1	5/21/2021 1:31:00 AM	60129
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/21/2021 1:31:00 AM	60129
Toluene	ND	0.050		mg/Kg	1	5/21/2021 1:31:00 AM	60129
Ethylbenzene	ND	0.050		mg/Kg	1	5/21/2021 1:31:00 AM	60129
Xylenes, Total	ND	0.10		mg/Kg	1	5/21/2021 1:31:00 AM	60129
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	5/21/2021 1:31:00 AM	60129

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

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

**Analytical Report**

Lab Order: **2105797**

Date Reported: **5/21/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AI2 Federal 1

**Lab Order:** 2105797

**Lab ID:** 2105797-006

**Collection Date:** 5/17/2021 12:20:00 PM

**Client Sample ID:** TP6

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	5/20/2021 1:26:46 PM	60151
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	1300	91		mg/Kg	10	5/20/2021 9:52:29 AM	60136
Motor Oil Range Organics (MRO)	1600	450		mg/Kg	10	5/20/2021 9:52:29 AM	60136
Surr: DNOP	0	70-130	S	%Rec	10	5/20/2021 9:52:29 AM	60136
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/21/2021 1:54:28 AM	60129
Surr: BFB	96.0	70-130		%Rec	1	5/21/2021 1:54:28 AM	60129
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/21/2021 1:54:28 AM	60129
Toluene	ND	0.049		mg/Kg	1	5/21/2021 1:54:28 AM	60129
Ethylbenzene	ND	0.049		mg/Kg	1	5/21/2021 1:54:28 AM	60129
Xylenes, Total	ND	0.099		mg/Kg	1	5/21/2021 1:54:28 AM	60129
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	5/21/2021 1:54:28 AM	60129

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

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

**Analytical Report**

Lab Order: 2105797

Date Reported: 5/21/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD **Lab Order:** 2105797  
**Project:** Pan Am AI2 Federal 1

**Lab ID:** 2105797-007 **Collection Date:** 5/17/2021 12:25:00 PM  
**Client Sample ID:** TP7 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	5/20/2021 1:39:10 PM	60151
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	68	9.7		mg/Kg	1	5/20/2021 2:31:26 PM	60136
Motor Oil Range Organics (MRO)	200	49		mg/Kg	1	5/20/2021 2:31:26 PM	60136
Surr: DNOP	101	70-130		%Rec	1	5/20/2021 2:31:26 PM	60136
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/21/2021 2:18:00 AM	60129
Surr: BFB	97.4	70-130		%Rec	1	5/21/2021 2:18:00 AM	60129
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	5/21/2021 2:18:00 AM	60129
Toluene	ND	0.050		mg/Kg	1	5/21/2021 2:18:00 AM	60129
Ethylbenzene	ND	0.050		mg/Kg	1	5/21/2021 2:18:00 AM	60129
Xylenes, Total	ND	0.099		mg/Kg	1	5/21/2021 2:18:00 AM	60129
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	5/21/2021 2:18:00 AM	60129

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

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2105797

21-May-21

**Client:** GHD  
**Project:** Pan Am AI2 Federal 1

Sample ID: <b>MB-60151</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60151</b>	RunNo: <b>77526</b>								
Prep Date: <b>5/20/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752461</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-60151</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60151</b>	RunNo: <b>77526</b>								
Prep Date: <b>5/20/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752462</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2105797

21-May-21

**Client:** GHD  
**Project:** Pan Am AI2 Federal 1

Sample ID: <b>MB-60136</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60136</b>	RunNo: <b>77529</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2751569</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.0	70	130			

Sample ID: <b>LCS-60136</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60136</b>	RunNo: <b>77529</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2751642</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.1	68.9	141			
Surr: DNOP	4.7		5.000		94.9	70	130			

Sample ID: <b>LCS-60152</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60152</b>	RunNo: <b>77529</b>								
Prep Date: <b>5/20/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2751985</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.0		5.000		99.1	70	130			

Sample ID: <b>MB-60152</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60152</b>	RunNo: <b>77529</b>								
Prep Date: <b>5/20/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2751986</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	12		10.00		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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2105797

21-May-21

**Client:** GHD  
**Project:** Pan Am AI2 Federal 1

Sample ID: <b>mb-60139</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60139</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752224</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	990		1000		99.2	70	130			

Sample ID: <b>lcs-60139</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60139</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752225</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		110	70	130			

Sample ID: <b>mb-60129</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60129</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752247</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		99.4	70	130			

Sample ID: <b>lcs-60129</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60129</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752248</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.8	78.6	131			
Surr: BFB	1100		1000		106	70	130			

Sample ID: <b>2105797-001ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>TP1</b>	Batch ID: <b>60129</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752250</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	20	24.49	0	106	61.3	114			
Surr: BFB	4900		4897		101	70	130			

Sample ID: <b>2105797-001amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>TP1</b>	Batch ID: <b>60129</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752251</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	20	24.73	0	96.2	61.3	114	8.90	20	
Surr: BFB	4900		4946		99.0	70	130	0	0	

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2105797

21-May-21

**Client:** GHD  
**Project:** Pan Am AI2 Federal 1

Sample ID: <b>mb-60139</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60139</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752268</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		109	70	130			

Sample ID: <b>LCS-60139</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60139</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752269</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		107	70	130			

Sample ID: <b>mb-60129</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60129</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752291</b>	Units: <b>mg/Kg</b>							
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		108	70	130			

Sample ID: <b>LCS-60129</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60129</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752292</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.5	80	120			
Toluene	0.98	0.050	1.000	0	97.6	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.3	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.4	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		108	70	130			

Sample ID: <b>2105797-002ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>TP2</b>	Batch ID: <b>60129</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752295</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	0.9814	0	93.6	76.3	120			
Toluene	0.97	0.049	0.9814	0	98.6	78.5	120			
Ethylbenzene	0.98	0.049	0.9814	0	99.9	78.1	124			
Xylenes, Total	3.0	0.098	2.944	0	100	79.3	125			

**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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2105797

21-May-21

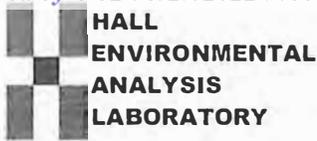
**Client:** GHD  
**Project:** Pan Am AI2 Federal 1

Sample ID: <b>2105797-002ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>TP2</b>	Batch ID: <b>60129</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/20/2021</b>	SeqNo: <b>2752295</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		0.9814		108	70	130			

Sample ID: <b>2105797-002amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>TP2</b>	Batch ID: <b>60129</b>	RunNo: <b>77537</b>								
Prep Date: <b>5/19/2021</b>	Analysis Date: <b>5/21/2021</b>	SeqNo: <b>2752296</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9775	0	102	80	120	8.15	20	
Toluene	1.0	0.049	0.9775	0	107	80	120	8.18	20	
Ethylbenzene	1.1	0.049	0.9775	0	109	80	120	8.34	20	
Xylenes, Total	3.2	0.098	2.933	0	109	80	120	8.20	20	
Surr: 4-Bromofluorobenzene	1.1		0.9775		109	70	130	0	0	

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: GHD Work Order Number: 2105797 RcptNo: 1

Received By: Juan Rojas 5/19/2021 7:28:00 AM
Completed By: Cheyenne Cason 5/19/2021 7:47:27 AM
Reviewed By: JR 5/19/21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C? Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: SPA 5.19.21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 0.0, Good, [ ], [ ], [ ], [ ]

# Chain-of-Custody Record

Client: **GHD**

Mailing Address:  
**324 W. Main St Suite 108 Artesia NM 87003**

Phone #: **(505) 377-4218**

email or Fax#: **B.L. Haskell@GHD.com**

QA/QC Package: **Chase Settle@azresources.com**  
**Tom Larson@GHD.com**

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance  
 NELAC  Other

EDD (Type)

Turn-Around Time:  
 Standard  **Rush 3 Day**

Project Name:  
**Pan Am AIZ Federal #1**

Project #:  
**11228315**

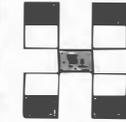
Project Manager:  
**Becky Haskell**  
**Tom Larson**

Sampler: **Zach Comins**

On Ice:  Yes  No

# of Coolers: **1**

Cooler Temp (including CF): **4.2-0.2-0 (°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.	STEX / 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 <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride Method 300
05/18/21	1155	S	TP1	Jar		001	X	X									X
	1200		TP2			002											
	1205		TP3			003											
	1210		TP4			004											
	1215		TP5			005											
	1220		TP6			006											
	1225		TP7			007											

Date: **05/18/21** Time: **1015** Relinquished by: **Zach Comins**

Date: **5/18/21** Time: **1900** Relinquished by: **G Comins**

Received by: **[Signature]** Date: **5/18/21** Time: **1915**

Received by: **[Signature]** Date: **5/19/21** Time: **7:28**

Remarks: **Please email zach.comins@GHD.com along with others listed above**

**Direct bill to EOG Chase Settle**



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

June 16, 2021

Tom Larson  
GHD  
6121 Indian School Road, NE #200  
Albuquerque, NM 87110  
TEL: (505) 884-0672  
FAX

RE: Pan Am AI2 Federal 1

OrderNo.: 2106313

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 10 sample(s) on 6/5/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a light blue horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order: 2106313

Date Reported: 6/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AI2 Federal 1

**Lab Order:** 2106313

**Lab ID:** 2106313-001 **Collection Date:** 6/3/2021 1:45:00 PM  
**Client Sample ID:** BH-1 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 8:04:16 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	18	9.0		mg/Kg	1	6/12/2021 1:08:01 PM	60457
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/12/2021 1:08:01 PM	60457
Surr: DNOP	105	70-130		%Rec	1	6/12/2021 1:08:01 PM	60457
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/8/2021 2:17:54 AM	60456
Surr: BFB	103	70-130		%Rec	1	6/8/2021 2:17:54 AM	60456
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/8/2021 2:17:54 AM	60456
Toluene	ND	0.050		mg/Kg	1	6/8/2021 2:17:54 AM	60456
Ethylbenzene	ND	0.050		mg/Kg	1	6/8/2021 2:17:54 AM	60456
Xylenes, Total	ND	0.099		mg/Kg	1	6/8/2021 2:17:54 AM	60456
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	6/8/2021 2:17:54 AM	60456

**Lab ID:** 2106313-002 **Collection Date:** 6/3/2021 1:50:00 PM  
**Client Sample ID:** BH-2 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 8:16:41 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	36	8.8		mg/Kg	1	6/12/2021 4:29:25 AM	60457
Motor Oil Range Organics (MRO)	66	44		mg/Kg	1	6/12/2021 4:29:25 AM	60457
Surr: DNOP	142	70-130	S	%Rec	1	6/12/2021 4:29:25 AM	60457
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/8/2021 3:05:25 AM	60456
Surr: BFB	103	70-130		%Rec	1	6/8/2021 3:05:25 AM	60456
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/8/2021 3:05:25 AM	60456
Toluene	ND	0.050		mg/Kg	1	6/8/2021 3:05:25 AM	60456
Ethylbenzene	ND	0.050		mg/Kg	1	6/8/2021 3:05:25 AM	60456
Xylenes, Total	ND	0.099		mg/Kg	1	6/8/2021 3:05:25 AM	60456
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	6/8/2021 3:05:25 AM	60456

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

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

**Analytical Report**

Lab Order: 2106313

Date Reported: 6/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AI2 Federal 1

**Lab Order:** 2106313

**Lab ID:** 2106313-003

**Collection Date:** 6/3/2021 1:55:00 PM

**Client Sample ID:** BH-3

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 8:53:55 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	83	8.8		mg/Kg	1	6/12/2021 4:53:51 AM	60457
Motor Oil Range Organics (MRO)	170	44		mg/Kg	1	6/12/2021 4:53:51 AM	60457
Surr: DNOP	104	70-130		%Rec	1	6/12/2021 4:53:51 AM	60457
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/8/2021 3:29:10 AM	60456
Surr: BFB	103	70-130		%Rec	1	6/8/2021 3:29:10 AM	60456
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/8/2021 3:29:10 AM	60456
Toluene	ND	0.050		mg/Kg	1	6/8/2021 3:29:10 AM	60456
Ethylbenzene	ND	0.050		mg/Kg	1	6/8/2021 3:29:10 AM	60456
Xylenes, Total	ND	0.099		mg/Kg	1	6/8/2021 3:29:10 AM	60456
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	6/8/2021 3:29:10 AM	60456

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

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

## Analytical Report

Lab Order: 2106313

## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/16/2021

**CLIENT:** GHD **Lab Order:** 2106313  
**Project:** Pan Am AI2 Federal 1

**Lab ID:** 2106313-004 **Collection Date:** 6/3/2021 2:00:00 PM

**Client Sample ID:** BH-4 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 9:06:19 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	38	9.1		mg/Kg	1	6/12/2021 5:42:41 AM	60457
Motor Oil Range Organics (MRO)	82	45		mg/Kg	1	6/12/2021 5:42:41 AM	60457
Surr: DNOP	122	70-130		%Rec	1	6/12/2021 5:42:41 AM	60457
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/8/2021 3:52:59 AM	60456
Surr: BFB	101	70-130		%Rec	1	6/8/2021 3:52:59 AM	60456
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/8/2021 3:52:59 AM	60456
Toluene	ND	0.050		mg/Kg	1	6/8/2021 3:52:59 AM	60456
Ethylbenzene	ND	0.050		mg/Kg	1	6/8/2021 3:52:59 AM	60456
Xylenes, Total	ND	0.10		mg/Kg	1	6/8/2021 3:52:59 AM	60456
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	6/8/2021 3:52:59 AM	60456

**Lab ID:** 2106313-005 **Collection Date:** 6/3/2021 2:05:00 PM

**Client Sample ID:** BH-5 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	59		mg/Kg	20	6/10/2021 9:18:44 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	26	9.9		mg/Kg	1	6/8/2021 5:05:04 PM	60457
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/8/2021 5:05:04 PM	60457
Surr: DNOP	118	70-130		%Rec	1	6/8/2021 5:05:04 PM	60457
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/8/2021 4:16:50 AM	60456
Surr: BFB	106	70-130		%Rec	1	6/8/2021 4:16:50 AM	60456
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/8/2021 4:16:50 AM	60456
Toluene	ND	0.049		mg/Kg	1	6/8/2021 4:16:50 AM	60456
Ethylbenzene	ND	0.049		mg/Kg	1	6/8/2021 4:16:50 AM	60456
Xylenes, Total	ND	0.098		mg/Kg	1	6/8/2021 4:16:50 AM	60456
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/8/2021 4:16:50 AM	60456

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

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

**Analytical Report**

Lab Order: 2106313

Date Reported: 6/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AI2 Federal 1

**Lab Order:** 2106313

**Lab ID:** 2106313-006

**Collection Date:** 6/3/2021 2:15:00 PM

**Client Sample ID:** BH-6

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 9:31:09 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	25	8.8		mg/Kg	1	6/8/2021 5:29:36 PM	60457
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/8/2021 5:29:36 PM	60457
Surr: DNOP	103	70-130		%Rec	1	6/8/2021 5:29:36 PM	60457
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/8/2021 4:40:36 AM	60456
Surr: BFB	103	70-130		%Rec	1	6/8/2021 4:40:36 AM	60456
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/8/2021 4:40:36 AM	60456
Toluene	ND	0.049		mg/Kg	1	6/8/2021 4:40:36 AM	60456
Ethylbenzene	ND	0.049		mg/Kg	1	6/8/2021 4:40:36 AM	60456
Xylenes, Total	ND	0.098		mg/Kg	1	6/8/2021 4:40:36 AM	60456
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	6/8/2021 4:40:36 AM	60456

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

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

**Analytical Report**

Lab Order: 2106313

Date Reported: 6/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AI2 Federal 1

**Lab Order:** 2106313

**Lab ID:** 2106313-007 **Collection Date:** 6/3/2021 2:20:00 PM

**Client Sample ID:** BH-7 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 9:43:34 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	34	9.2		mg/Kg	1	6/12/2021 4:05:01 AM	60457
Motor Oil Range Organics (MRO)	61	46		mg/Kg	1	6/12/2021 4:05:01 AM	60457
Surr: DNOP	93.0	70-130		%Rec	1	6/12/2021 4:05:01 AM	60457
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/8/2021 8:53:09 AM	60456
Surr: BFB	107	70-130		%Rec	1	6/8/2021 8:53:09 AM	60456
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/8/2021 8:53:09 AM	60456
Toluene	ND	0.050		mg/Kg	1	6/8/2021 8:53:09 AM	60456
Ethylbenzene	ND	0.050		mg/Kg	1	6/8/2021 8:53:09 AM	60456
Xylenes, Total	ND	0.10		mg/Kg	1	6/8/2021 8:53:09 AM	60456
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/8/2021 8:53:09 AM	60456

**Lab ID:** 2106313-008 **Collection Date:** 6/3/2021 2:30:00 PM

**Client Sample ID:** BH-8 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 9:56:00 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	80	9.5		mg/Kg	1	6/11/2021 5:12:16 PM	60457
Motor Oil Range Organics (MRO)	130	47		mg/Kg	1	6/11/2021 5:12:16 PM	60457
Surr: DNOP	134	70-130	S	%Rec	1	6/11/2021 5:12:16 PM	60457
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/8/2021 9:16:46 AM	60456
Surr: BFB	105	70-130		%Rec	1	6/8/2021 9:16:46 AM	60456
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/8/2021 9:16:46 AM	60456
Toluene	ND	0.049		mg/Kg	1	6/8/2021 9:16:46 AM	60456
Ethylbenzene	ND	0.049		mg/Kg	1	6/8/2021 9:16:46 AM	60456
Xylenes, Total	ND	0.097		mg/Kg	1	6/8/2021 9:16:46 AM	60456
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/8/2021 9:16:46 AM	60456

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

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

**Analytical Report**

Lab Order: 2106313

Date Reported: 6/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AI2 Federal 1

**Lab Order:** 2106313

**Lab ID:** 2106313-009

**Collection Date:** 6/3/2021 2:45:00 PM

**Client Sample ID:** SW-1

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 10:08:24 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	61	9.5		mg/Kg	1	6/12/2021 5:18:19 AM	60457
Motor Oil Range Organics (MRO)	120	47		mg/Kg	1	6/12/2021 5:18:19 AM	60457
Surr: DNOP	104	70-130		%Rec	1	6/12/2021 5:18:19 AM	60457
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/8/2021 9:40:20 AM	60456
Surr: BFB	103	70-130		%Rec	1	6/8/2021 9:40:20 AM	60456
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/8/2021 9:40:20 AM	60456
Toluene	ND	0.049		mg/Kg	1	6/8/2021 9:40:20 AM	60456
Ethylbenzene	ND	0.049		mg/Kg	1	6/8/2021 9:40:20 AM	60456
Xylenes, Total	ND	0.098		mg/Kg	1	6/8/2021 9:40:20 AM	60456
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/8/2021 9:40:20 AM	60456

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

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

**Analytical Report**

Lab Order: 2106313

Date Reported: 6/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AI2 Federal 1

**Lab Order:** 2106313

**Lab ID:** 2106313-010

**Collection Date:** 6/3/2021 2:50:00 PM

**Client Sample ID:** SW-2

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	61		mg/Kg	20	6/10/2021 10:20:50 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	67	9.0		mg/Kg	1	6/11/2021 4:48:14 PM	60457
Motor Oil Range Organics (MRO)	130	45		mg/Kg	1	6/11/2021 4:48:14 PM	60457
Surr: DNOP	131	70-130	S	%Rec	1	6/11/2021 4:48:14 PM	60457
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/8/2021 10:03:57 AM	60456
Surr: BFB	105	70-130		%Rec	1	6/8/2021 10:03:57 AM	60456
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/8/2021 10:03:57 AM	60456
Toluene	ND	0.049		mg/Kg	1	6/8/2021 10:03:57 AM	60456
Ethylbenzene	ND	0.049		mg/Kg	1	6/8/2021 10:03:57 AM	60456
Xylenes, Total	ND	0.098		mg/Kg	1	6/8/2021 10:03:57 AM	60456
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/8/2021 10:03:57 AM	60456

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

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106313

16-Jun-21

**Client:** GHD  
**Project:** Pan Am AI2 Federal 1

Sample ID: <b>MB-60561</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60561</b>	RunNo: <b>79004</b>								
Prep Date: <b>6/10/2021</b>	Analysis Date: <b>6/10/2021</b>	SeqNo: <b>2771478</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-60561</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60561</b>	RunNo: <b>79004</b>								
Prep Date: <b>6/10/2021</b>	Analysis Date: <b>6/10/2021</b>	SeqNo: <b>2771479</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	96.8	90	110			

**Qualifiers:**

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106313

16-Jun-21

**Client:** GHD  
**Project:** Pan Am AI2 Federal 1

Sample ID: <b>MB-60457</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60457</b>	RunNo: <b>78922</b>								
Prep Date: <b>6/7/2021</b>	Analysis Date: <b>6/8/2021</b>	SeqNo: <b>2768686</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		117	70	130			

Sample ID: <b>LCS-60457</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60457</b>	RunNo: <b>78922</b>								
Prep Date: <b>6/7/2021</b>	Analysis Date: <b>6/8/2021</b>	SeqNo: <b>2768687</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.3	68.9	141			
Surr: DNOP	5.1		5.000		102	70	130			

**Qualifiers:**

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106313

16-Jun-21

**Client:** GHD  
**Project:** Pan Am AI2 Federal 1

Sample ID: <b>mb-60456</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60456</b>	RunNo: <b>78893</b>								
Prep Date: <b>6/5/2021</b>	Analysis Date: <b>6/7/2021</b>	SeqNo: <b>2767217</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		107	70	130			

Sample ID: <b>ics-60456</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60456</b>	RunNo: <b>78893</b>								
Prep Date: <b>6/5/2021</b>	Analysis Date: <b>6/7/2021</b>	SeqNo: <b>2767218</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	104	78.6	131			
Surr: BFB	1200		1000		117	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**QC SUMMARY REPORT**

WO#: 2106313

**Hall Environmental Analysis Laboratory, Inc.**

16-Jun-21

**Client:** GHD  
**Project:** Pan Am AI2 Federal 1

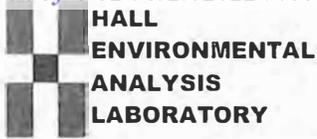
Sample ID: <b>mb-60456</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60456</b>	RunNo: <b>78893</b>								
Prep Date: <b>6/5/2021</b>	Analysis Date: <b>6/7/2021</b>	SeqNo: <b>2767265</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	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		104	70	130			

Sample ID: <b>LCS-60456</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60456</b>	RunNo: <b>78893</b>								
Prep Date: <b>6/5/2021</b>	Analysis Date: <b>6/7/2021</b>	SeqNo: <b>2767266</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.9	80	120			
Toluene	0.99	0.050	1.000	0	98.6	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.9	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.8	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

**Qualifiers:**

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

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

Sample Log-In Check List

Client Name: GHD Work Order Number: 2106313 RcptNo: 1

Received By: Juan Rojas 6/5/2021 8:30:00 AM
Completed By: Juan Rojas 6/5/2021 11:04:14 AM
Reviewed By: [Signature] 06/05/2021

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C? Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: JR 6/5/21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 2 rows of data.





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

June 16, 2021

Tom Larson  
GHD  
6121 Indian School Road, NE #200  
Albuquerque, NM 87110  
TEL: (505) 884-0672  
FAX

RE: Pan Am AIZ Federal 1

OrderNo.: 2106312

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 7 sample(s) on 6/5/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a light blue horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order: 2106312

Date Reported: 6/16/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD  
Project: Pan Am AIZ Federal 1

Lab Order: 2106312

Lab ID: 2106312-001

Collection Date: 6/4/2021 11:00:00 AM

Client Sample ID: BH-9

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	61		mg/Kg	20	6/10/2021 5:47:43 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	240	9.1		mg/Kg	1	6/11/2021 10:49:49 PM	60473
Motor Oil Range Organics (MRO)	400	46		mg/Kg	1	6/11/2021 10:49:49 PM	60473
Surr: DNOP	147	70-130	S	%Rec	1	6/11/2021 10:49:49 PM	60473
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/9/2021 12:29:22 PM	60472
Surr: BFB	107	70-130		%Rec	1	6/9/2021 12:29:22 PM	60472
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/9/2021 12:29:22 PM	60472
Toluene	ND	0.050		mg/Kg	1	6/9/2021 12:29:22 PM	60472
Ethylbenzene	ND	0.050		mg/Kg	1	6/9/2021 12:29:22 PM	60472
Xylenes, Total	ND	0.099		mg/Kg	1	6/9/2021 12:29:22 PM	60472
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/9/2021 12:29:22 PM	60472

Lab ID: 2106312-002

Collection Date: 6/4/2021 11:15:00 AM

Client Sample ID: BH-10

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 6:49:47 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	230	9.8		mg/Kg	1	6/11/2021 11:37:40 PM	60473
Motor Oil Range Organics (MRO)	410	49		mg/Kg	1	6/11/2021 11:37:40 PM	60473
Surr: DNOP	126	70-130		%Rec	1	6/11/2021 11:37:40 PM	60473
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/9/2021 12:52:56 PM	60472
Surr: BFB	109	70-130		%Rec	1	6/9/2021 12:52:56 PM	60472
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/9/2021 12:52:56 PM	60472
Toluene	ND	0.047		mg/Kg	1	6/9/2021 12:52:56 PM	60472
Ethylbenzene	ND	0.047		mg/Kg	1	6/9/2021 12:52:56 PM	60472
Xylenes, Total	ND	0.094		mg/Kg	1	6/9/2021 12:52:56 PM	60472
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/9/2021 12:52:56 PM	60472

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

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

**Analytical Report**

Lab Order: 2106312

Date Reported: 6/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AIZ Federal 1

**Lab Order:** 2106312

**Lab ID:** 2106312-003

**Collection Date:** 6/4/2021 11:20:00 AM

**Client Sample ID:** BH-11

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 7:02:12 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	82	9.0		mg/Kg	1	6/12/2021 12:25:36 AM	60473
Motor Oil Range Organics (MRO)	140	45		mg/Kg	1	6/12/2021 12:25:36 AM	60473
Surr: DNOP	95.8	70-130		%Rec	1	6/12/2021 12:25:36 AM	60473
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/9/2021 1:16:26 PM	60472
Surr: BFB	109	70-130		%Rec	1	6/9/2021 1:16:26 PM	60472
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/9/2021 1:16:26 PM	60472
Toluene	ND	0.050		mg/Kg	1	6/9/2021 1:16:26 PM	60472
Ethylbenzene	ND	0.050		mg/Kg	1	6/9/2021 1:16:26 PM	60472
Xylenes, Total	ND	0.10		mg/Kg	1	6/9/2021 1:16:26 PM	60472
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	6/9/2021 1:16:26 PM	60472

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

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

**Analytical Report**

Lab Order: 2106312

Date Reported: 6/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AIZ Federal 1

**Lab Order:** 2106312

**Lab ID:** 2106312-004

**Collection Date:** 6/4/2021 11:30:00 AM

**Client Sample ID:** BH-12

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 7:14:37 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	22	9.1		mg/Kg	1	6/12/2021 3:40:32 AM	60473
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/12/2021 3:40:32 AM	60473
Surr: DNOP	110	70-130		%Rec	1	6/12/2021 3:40:32 AM	60473
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/9/2021 1:40:02 PM	60472
Surr: BFB	106	70-130		%Rec	1	6/9/2021 1:40:02 PM	60472
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/9/2021 1:40:02 PM	60472
Toluene	ND	0.048		mg/Kg	1	6/9/2021 1:40:02 PM	60472
Ethylbenzene	ND	0.048		mg/Kg	1	6/9/2021 1:40:02 PM	60472
Xylenes, Total	ND	0.096		mg/Kg	1	6/9/2021 1:40:02 PM	60472
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/9/2021 1:40:02 PM	60472

**Lab ID:** 2106312-005

**Collection Date:** 6/4/2021 11:40:00 AM

**Client Sample ID:** BH13

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 7:27:02 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	87	9.0		mg/Kg	1	6/12/2021 1:38:10 AM	60473
Motor Oil Range Organics (MRO)	140	45		mg/Kg	1	6/12/2021 1:38:10 AM	60473
Surr: DNOP	105	70-130		%Rec	1	6/12/2021 1:38:10 AM	60473
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/9/2021 2:03:42 PM	60472
Surr: BFB	106	70-130		%Rec	1	6/9/2021 2:03:42 PM	60472
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/9/2021 2:03:42 PM	60472
Toluene	ND	0.047		mg/Kg	1	6/9/2021 2:03:42 PM	60472
Ethylbenzene	ND	0.047		mg/Kg	1	6/9/2021 2:03:42 PM	60472
Xylenes, Total	ND	0.094		mg/Kg	1	6/9/2021 2:03:42 PM	60472
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/9/2021 2:03:42 PM	60472

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

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

**Analytical Report**

Lab Order: 2106312

Date Reported: 6/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AIZ Federal 1

**Lab Order:** 2106312

**Lab ID:** 2106312-006

**Collection Date:** 6/4/2021 11:50:00 AM

**Client Sample ID:** SW-3

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 7:39:26 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	83	17		mg/Kg	2	6/12/2021 6:06:53 AM	60473
Motor Oil Range Organics (MRO)	230	86		mg/Kg	2	6/12/2021 6:06:53 AM	60473
Surr: DNOP	123	70-130		%Rec	2	6/12/2021 6:06:53 AM	60473
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/9/2021 3:14:46 PM	60472
Surr: BFB	109	70-130		%Rec	1	6/9/2021 3:14:46 PM	60472
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/9/2021 3:14:46 PM	60472
Toluene	ND	0.048		mg/Kg	1	6/9/2021 3:14:46 PM	60472
Ethylbenzene	ND	0.048		mg/Kg	1	6/9/2021 3:14:46 PM	60472
Xylenes, Total	ND	0.095		mg/Kg	1	6/9/2021 3:14:46 PM	60472
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	6/9/2021 3:14:46 PM	60472

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

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

**Analytical Report**

Lab Order: 2106312

Date Reported: 6/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AIZ Federal 1

**Lab Order:** 2106312

**Lab ID:** 2106312-007

**Collection Date:** 6/4/2021 11:55:00 AM

**Client Sample ID:** SW-4

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/10/2021 7:51:51 PM	60561
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/12/2021 3:16:13 AM	60473
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/12/2021 3:16:13 AM	60473
Surr: DNOP	141	70-130	S	%Rec	1	6/12/2021 3:16:13 AM	60473
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/9/2021 3:38:24 PM	60472
Surr: BFB	109	70-130		%Rec	1	6/9/2021 3:38:24 PM	60472
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/9/2021 3:38:24 PM	60472
Toluene	ND	0.048		mg/Kg	1	6/9/2021 3:38:24 PM	60472
Ethylbenzene	ND	0.048		mg/Kg	1	6/9/2021 3:38:24 PM	60472
Xylenes, Total	ND	0.097		mg/Kg	1	6/9/2021 3:38:24 PM	60472
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/9/2021 3:38:24 PM	60472

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

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106312

16-Jun-21

**Client:** GHD  
**Project:** Pan Am AIZ Federal 1

Sample ID: <b>MB-60561</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60561</b>	RunNo: <b>79004</b>								
Prep Date: <b>6/10/2021</b>	Analysis Date: <b>6/10/2021</b>	SeqNo: <b>2771478</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-60561</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60561</b>	RunNo: <b>79004</b>								
Prep Date: <b>6/10/2021</b>	Analysis Date: <b>6/10/2021</b>	SeqNo: <b>2771479</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	96.8	90	110			

**Qualifiers:**

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106312

16-Jun-21

**Client:** GHD  
**Project:** Pan Am AIZ Federal 1

Sample ID: <b>MB-60473</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60473</b>	RunNo: <b>78979</b>								
Prep Date: <b>6/7/2021</b>	Analysis Date: <b>6/10/2021</b>	SeqNo: <b>2771932</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		117	70	130			

Sample ID: <b>LCS-60473</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60473</b>	RunNo: <b>78979</b>								
Prep Date: <b>6/7/2021</b>	Analysis Date: <b>6/10/2021</b>	SeqNo: <b>2771934</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	61	10	50.00	0	122	68.9	141			
Surr: DNOP	6.4		5.000		128	70	130			

**Qualifiers:**

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106312

16-Jun-21

**Client:** GHD  
**Project:** Pan Am AIZ Federal 1

Sample ID: <b>mb-60472</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60472</b>	RunNo: <b>78935</b>								
Prep Date: <b>6/7/2021</b>	Analysis Date: <b>6/9/2021</b>	SeqNo: <b>2770405</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		107	70	130			

Sample ID: <b>ics-60472</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60472</b>	RunNo: <b>78935</b>								
Prep Date: <b>6/7/2021</b>	Analysis Date: <b>6/9/2021</b>	SeqNo: <b>2770406</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	78.6	131			
Surr: BFB	1200		1000		119	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106312

16-Jun-21

**Client:** GHD  
**Project:** Pan Am AIZ Federal 1

Sample ID: <b>mb-60472</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60472</b>	RunNo: <b>78935</b>								
Prep Date: <b>6/7/2021</b>	Analysis Date: <b>6/9/2021</b>	SeqNo: <b>2770452</b>	Units: <b>mg/Kg</b>							
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		105	70	130			

Sample ID: <b>LCS-60472</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60472</b>	RunNo: <b>78935</b>								
Prep Date: <b>6/7/2021</b>	Analysis Date: <b>6/9/2021</b>	SeqNo: <b>2770458</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.1	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.0	0.10	3.000	0	100	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



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

Sample Log-In Check List

Client Name: GHD Work Order Number: 2106312 RcptNo: 1

Received By: Juan Rojas 6/5/2021 8:30:00 AM
Completed By: Juan Rojas 6/5/2021 10:53:05 AM
Reviewed By: [Signature] 06/05/2021

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH:
(<2 or >12 unless noted)
Adjusted?
Checked by: JR 6/5/21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 2 rows of data.





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

July 01, 2021

Becky Haskell

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Pan Am AIZ Federal #1

OrderNo.: 2106B21

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 11 sample(s) on 6/22/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

**Analytical Report**

Lab Order: 2106B21

Date Reported: 7/1/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AIZ Federal #1

**Lab Order:** 2106B21

**Lab ID:** 2106B21-001 **Collection Date:** 6/18/2021 10:00:00 AM  
**Client Sample ID:** BH-2A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: <b>JMT</b>							
Chloride	ND	60		mg/Kg	20	6/27/2021 10:42:12 PM	60954
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> Analyst: <b>BRM</b>							
Diesel Range Organics (DRO)	47	9.5		mg/Kg	1	6/27/2021 12:21:17 AM	60900
Motor Oil Range Organics (MRO)	55	47		mg/Kg	1	6/27/2021 12:21:17 AM	60900
Surr: DNOP	77.4	70-130		%Rec	1	6/27/2021 12:21:17 AM	60900
<b>EPA METHOD 8015D: GASOLINE RANGE</b> Analyst: <b>mb</b>							
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/29/2021 1:38:00 PM	60884
Surr: BFB	88.2	70-130		%Rec	1	6/29/2021 1:38:00 PM	60884
<b>EPA METHOD 8021B: VOLATILES</b> Analyst: <b>mb</b>							
Benzene	ND	0.024		mg/Kg	1	6/29/2021 1:38:00 PM	60884
Toluene	ND	0.048		mg/Kg	1	6/29/2021 1:38:00 PM	60884
Ethylbenzene	ND	0.048		mg/Kg	1	6/29/2021 1:38:00 PM	60884
Xylenes, Total	ND	0.097		mg/Kg	1	6/29/2021 1:38:00 PM	60884
Surr: 4-Bromofluorobenzene	86.6	70-130		%Rec	1	6/29/2021 1:38:00 PM	60884

**Lab ID:** 2106B21-002 **Collection Date:** 6/18/2021 10:05:00 AM  
**Client Sample ID:** BH-3A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: <b>JMT</b>							
Chloride	ND	60		mg/Kg	20	6/29/2021 12:26:05 PM	60959
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> Analyst: <b>BRM</b>							
Diesel Range Organics (DRO)	52	9.6		mg/Kg	1	6/27/2021 2:47:01 AM	60900
Motor Oil Range Organics (MRO)	76	48		mg/Kg	1	6/27/2021 2:47:01 AM	60900
Surr: DNOP	79.0	70-130		%Rec	1	6/27/2021 2:47:01 AM	60900
<b>EPA METHOD 8015D: GASOLINE RANGE</b> Analyst: <b>mb</b>							
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/29/2021 2:37:00 PM	60884
Surr: BFB	91.3	70-130		%Rec	1	6/29/2021 2:37:00 PM	60884
<b>EPA METHOD 8021B: VOLATILES</b> Analyst: <b>mb</b>							
Benzene	ND	0.025		mg/Kg	1	6/29/2021 2:37:00 PM	60884
Toluene	ND	0.050		mg/Kg	1	6/29/2021 2:37:00 PM	60884
Ethylbenzene	ND	0.050		mg/Kg	1	6/29/2021 2:37:00 PM	60884
Xylenes, Total	ND	0.10		mg/Kg	1	6/29/2021 2:37:00 PM	60884
Surr: 4-Bromofluorobenzene	89.7	70-130		%Rec	1	6/29/2021 2:37:00 PM	60884

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

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

**Analytical Report**

Lab Order: **2106B21**

Date Reported: **7/1/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AIZ Federal #1

**Lab Order:** 2106B21

**Lab ID:** 2106B21-003

**Collection Date:** 6/18/2021 10:10:00 AM

**Client Sample ID:** BH-4A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	6/29/2021 12:38:29 PM	60959
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	41	9.5		mg/Kg	1	6/27/2021 3:35:31 AM	60900
Motor Oil Range Organics (MRO)	53	47		mg/Kg	1	6/27/2021 3:35:31 AM	60900
Surr: DNOP	75.8	70-130		%Rec	1	6/27/2021 3:35:31 AM	60900
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/29/2021 2:57:00 PM	60884
Surr: BFB	93.2	70-130		%Rec	1	6/29/2021 2:57:00 PM	60884
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.024		mg/Kg	1	6/29/2021 2:57:00 PM	60884
Toluene	ND	0.049		mg/Kg	1	6/29/2021 2:57:00 PM	60884
Ethylbenzene	ND	0.049		mg/Kg	1	6/29/2021 2:57:00 PM	60884
Xylenes, Total	ND	0.098		mg/Kg	1	6/29/2021 2:57:00 PM	60884
Surr: 4-Bromofluorobenzene	89.6	70-130		%Rec	1	6/29/2021 2:57:00 PM	60884

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

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

**Analytical Report**

Lab Order: 2106B21

Date Reported: 7/1/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AIZ Federal #1

**Lab Order:** 2106B21

**Lab ID:** 2106B21-004

**Collection Date:** 6/18/2021 10:15:00 AM

**Client Sample ID:** BH-8A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	6/29/2021 12:50:53 PM	60959
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	210	9.9		mg/Kg	1	6/27/2021 4:24:02 AM	60900
Motor Oil Range Organics (MRO)	290	49		mg/Kg	1	6/27/2021 4:24:02 AM	60900
Surr: DNOP	81.4	70-130		%Rec	1	6/27/2021 4:24:02 AM	60900
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/29/2021 3:17:00 PM	60884
Surr: BFB	92.7	70-130		%Rec	1	6/29/2021 3:17:00 PM	60884
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.024		mg/Kg	1	6/29/2021 3:17:00 PM	60884
Toluene	ND	0.048		mg/Kg	1	6/29/2021 3:17:00 PM	60884
Ethylbenzene	ND	0.048		mg/Kg	1	6/29/2021 3:17:00 PM	60884
Xylenes, Total	ND	0.096		mg/Kg	1	6/29/2021 3:17:00 PM	60884
Surr: 4-Bromofluorobenzene	92.0	70-130		%Rec	1	6/29/2021 3:17:00 PM	60884

**Lab ID:** 2106B21-005

**Collection Date:** 6/18/2021 10:20:00 AM

**Client Sample ID:** BH-9A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	61		mg/Kg	20	6/29/2021 1:03:18 PM	60959
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	52	9.9		mg/Kg	1	6/27/2021 5:12:33 AM	60900
Motor Oil Range Organics (MRO)	98	50		mg/Kg	1	6/27/2021 5:12:33 AM	60900
Surr: DNOP	79.8	70-130		%Rec	1	6/27/2021 5:12:33 AM	60900
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/29/2021 3:37:00 PM	60884
Surr: BFB	92.4	70-130		%Rec	1	6/29/2021 3:37:00 PM	60884
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	6/29/2021 3:37:00 PM	60884
Toluene	ND	0.049		mg/Kg	1	6/29/2021 3:37:00 PM	60884
Ethylbenzene	ND	0.049		mg/Kg	1	6/29/2021 3:37:00 PM	60884
Xylenes, Total	ND	0.099		mg/Kg	1	6/29/2021 3:37:00 PM	60884
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	6/29/2021 3:37:00 PM	60884

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

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

**Analytical Report**

Lab Order: 2106B21

Date Reported: 7/1/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AIZ Federal #1

**Lab Order:** 2106B21

**Lab ID:** 2106B21-006

**Collection Date:** 6/18/2021 10:30:00 AM

**Client Sample ID:** BH-10A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	6/29/2021 1:15:42 PM	60959
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	29	9.8		mg/Kg	1	6/27/2021 6:01:09 AM	60900
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/27/2021 6:01:09 AM	60900
Surr: DNOP	74.5	70-130		%Rec	1	6/27/2021 6:01:09 AM	60900
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/29/2021 3:57:00 PM	60884
Surr: BFB	89.2	70-130		%Rec	1	6/29/2021 3:57:00 PM	60884
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	6/29/2021 3:57:00 PM	60884
Toluene	ND	0.049		mg/Kg	1	6/29/2021 3:57:00 PM	60884
Ethylbenzene	ND	0.049		mg/Kg	1	6/29/2021 3:57:00 PM	60884
Xylenes, Total	ND	0.099		mg/Kg	1	6/29/2021 3:57:00 PM	60884
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	6/29/2021 3:57:00 PM	60884

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

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

**Analytical Report**

Lab Order: 2106B21

Date Reported: 7/1/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AIZ Federal #1

**Lab Order:** 2106B21

**Lab ID:** 2106B21-007 **Collection Date:** 6/18/2021 10:35:00 AM  
**Client Sample ID:** BH-11A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	6/29/2021 1:28:07 PM	60959
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	24	9.5		mg/Kg	1	6/27/2021 6:25:22 AM	60900
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/27/2021 6:25:22 AM	60900
Surr: DNOP	73.7	70-130		%Rec	1	6/27/2021 6:25:22 AM	60900
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/29/2021 5:16:00 PM	60884
Surr: BFB	89.7	70-130		%Rec	1	6/29/2021 5:16:00 PM	60884
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.024		mg/Kg	1	6/29/2021 5:16:00 PM	60884
Toluene	ND	0.049		mg/Kg	1	6/29/2021 5:16:00 PM	60884
Ethylbenzene	ND	0.049		mg/Kg	1	6/29/2021 5:16:00 PM	60884
Xylenes, Total	ND	0.098		mg/Kg	1	6/29/2021 5:16:00 PM	60884
Surr: 4-Bromofluorobenzene	89.1	70-130		%Rec	1	6/29/2021 5:16:00 PM	60884

**Lab ID:** 2106B21-008 **Collection Date:** 6/18/2021 10:40:00 AM  
**Client Sample ID:** BH-13A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	6/29/2021 1:40:31 PM	60959
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	38	10		mg/Kg	1	6/27/2021 7:13:59 AM	60900
Motor Oil Range Organics (MRO)	130	50		mg/Kg	1	6/27/2021 7:13:59 AM	60900
Surr: DNOP	79.6	70-130		%Rec	1	6/27/2021 7:13:59 AM	60900
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/29/2021 5:36:00 PM	60884
Surr: BFB	89.3	70-130		%Rec	1	6/29/2021 5:36:00 PM	60884
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.024		mg/Kg	1	6/29/2021 5:36:00 PM	60884
Toluene	ND	0.049		mg/Kg	1	6/29/2021 5:36:00 PM	60884
Ethylbenzene	ND	0.049		mg/Kg	1	6/29/2021 5:36:00 PM	60884
Xylenes, Total	ND	0.098		mg/Kg	1	6/29/2021 5:36:00 PM	60884
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	6/29/2021 5:36:00 PM	60884

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

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

**Analytical Report**

Lab Order: **2106B21**

Date Reported: **7/1/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AIZ Federal #1

**Lab Order:** 2106B21

**Lab ID:** 2106B21-009

**Collection Date:** 6/18/2021 11:00:00 AM

**Client Sample ID:** SW-1A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	6/29/2021 1:52:56 PM	60959
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/27/2021 7:38:12 AM	60900
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/27/2021 7:38:12 AM	60900
Surr: DNOP	53.8	70-130	S	%Rec	1	6/27/2021 7:38:12 AM	60900
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/29/2021 5:56:00 PM	60884
Surr: BFB	94.0	70-130		%Rec	1	6/29/2021 5:56:00 PM	60884
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	6/29/2021 5:56:00 PM	60884
Toluene	ND	0.049		mg/Kg	1	6/29/2021 5:56:00 PM	60884
Ethylbenzene	ND	0.049		mg/Kg	1	6/29/2021 5:56:00 PM	60884
Xylenes, Total	ND	0.099		mg/Kg	1	6/29/2021 5:56:00 PM	60884
Surr: 4-Bromofluorobenzene	90.2	70-130		%Rec	1	6/29/2021 5:56:00 PM	60884

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

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

**Analytical Report**

Lab Order: 2106B21

Date Reported: 7/1/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD  
**Project:** Pan Am AIZ Federal #1

**Lab Order:** 2106B21

**Lab ID:** 2106B21-010 **Collection Date:** 6/18/2021 11:10:00 AM  
**Client Sample ID:** SW-2A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	6/29/2021 2:05:20 PM	60959
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/27/2021 8:02:22 AM	60900
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/27/2021 8:02:22 AM	60900
Surr: DNOP	55.9	70-130	S	%Rec	1	6/27/2021 8:02:22 AM	60900
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/29/2021 6:16:00 PM	60884
Surr: BFB	87.5	70-130		%Rec	1	6/29/2021 6:16:00 PM	60884
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	6/29/2021 6:16:00 PM	60884
Toluene	ND	0.050		mg/Kg	1	6/29/2021 6:16:00 PM	60884
Ethylbenzene	ND	0.050		mg/Kg	1	6/29/2021 6:16:00 PM	60884
Xylenes, Total	ND	0.099		mg/Kg	1	6/29/2021 6:16:00 PM	60884
Surr: 4-Bromofluorobenzene	88.7	70-130		%Rec	1	6/29/2021 6:16:00 PM	60884

**Lab ID:** 2106B21-011 **Collection Date:** 6/18/2021 11:15:00 AM  
**Client Sample ID:** SW-3A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	6/29/2021 2:17:44 PM	60959
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/27/2021 8:26:49 AM	60900
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/27/2021 8:26:49 AM	60900
Surr: DNOP	56.1	70-130	S	%Rec	1	6/27/2021 8:26:49 AM	60900
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/29/2021 6:35:00 PM	60884
Surr: BFB	92.5	70-130		%Rec	1	6/29/2021 6:35:00 PM	60884
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	6/29/2021 6:35:00 PM	60884
Toluene	ND	0.049		mg/Kg	1	6/29/2021 6:35:00 PM	60884
Ethylbenzene	ND	0.049		mg/Kg	1	6/29/2021 6:35:00 PM	60884
Xylenes, Total	ND	0.099		mg/Kg	1	6/29/2021 6:35:00 PM	60884
Surr: 4-Bromofluorobenzene	91.2	70-130		%Rec	1	6/29/2021 6:35:00 PM	60884

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

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

**Analytical Report**

Lab Order: **2106B21**

Date Reported: 7/1/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD

**Lab Order:** 2106B21

**Project:** Pan Am AIZ Federal #1

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

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106B21

01-Jul-21

**Client:** GHD  
**Project:** Pan Am AIZ Federal #1

Sample ID: <b>MB-60954</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60954</b>	RunNo: <b>79396</b>								
Prep Date: <b>6/27/2021</b>	Analysis Date: <b>6/27/2021</b>	SeqNo: <b>2790557</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-60954</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60954</b>	RunNo: <b>79396</b>								
Prep Date: <b>6/27/2021</b>	Analysis Date: <b>6/27/2021</b>	SeqNo: <b>2790558</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.6	90	110			

Sample ID: <b>MB-60959</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60959</b>	RunNo: <b>79432</b>								
Prep Date: <b>6/28/2021</b>	Analysis Date: <b>6/28/2021</b>	SeqNo: <b>2792330</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-60959</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60959</b>	RunNo: <b>79432</b>								
Prep Date: <b>6/28/2021</b>	Analysis Date: <b>6/28/2021</b>	SeqNo: <b>2792332</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.2	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2106B21

01-Jul-21

**Client:** GHD  
**Project:** Pan Am AIZ Federal #1

Sample ID: <b>LCS-60867</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>60867</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/23/2021</b>	Analysis Date: <b>6/24/2021</b>		SeqNo: <b>2787407</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.3		5.000		85.6	70	130			

Sample ID: <b>MB-60867</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>60867</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/23/2021</b>	Analysis Date: <b>6/24/2021</b>		SeqNo: <b>2787409</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.7		10.00		86.7	70	130			

Sample ID: <b>LCS-60876</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>60876</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/23/2021</b>	Analysis Date: <b>6/25/2021</b>		SeqNo: <b>2789216</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.2		5.000		83.2	70	130			

Sample ID: <b>MB-60876</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>60876</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/23/2021</b>	Analysis Date: <b>6/25/2021</b>		SeqNo: <b>2789218</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.3		10.00		92.6	70	130			

Sample ID: <b>MB-60915</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>60915</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/26/2021</b>		SeqNo: <b>2789501</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.8		10.00		98.4	70	130			

Sample ID: <b>MB-60900</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>60900</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/26/2021</b>		SeqNo: <b>2789502</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		93.6	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2106B21

01-Jul-21

**Client:** GHD  
**Project:** Pan Am AIZ Federal #1

Sample ID: <b>LCS-60915</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>60915</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/26/2021</b>		SeqNo: <b>2789503</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.7		5.000		93.7	70	130			

Sample ID: <b>LCS-60900</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>60900</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/26/2021</b>		SeqNo: <b>2789504</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	103	68.9	141			
Surr: DNOP	4.3		5.000		85.2	70	130			

Sample ID: <b>2106B21-001AMS</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>BH-2A</b>	Batch ID: <b>60900</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/27/2021</b>		SeqNo: <b>2789505</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	66	9.3	46.69	47.00	39.8	15	184			
Surr: DNOP	3.4		4.669		72.5	70	130			

Sample ID: <b>2106B21-001AMSD</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>BH-2A</b>	Batch ID: <b>60900</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/27/2021</b>		SeqNo: <b>2789506</b>				Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	73	9.7	48.73	47.00	53.9	15	184	11.1	23.9	
Surr: DNOP	3.7		4.873		76.9	70	130	0	0	

Sample ID: <b>LCS-60942</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>60942</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/27/2021</b>		SeqNo: <b>2789806</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.7		5.000		74.6	70	130			

Sample ID: <b>MB-60942</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>60942</b>		RunNo: <b>79325</b>							
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/27/2021</b>		SeqNo: <b>2789807</b>				Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.4		10.00		74.2	70	130			

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2106B21

01-Jul-21

**Client:** GHD  
**Project:** Pan Am AIZ Federal #1

Sample ID: <b>mb-60884</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60884</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/23/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793253</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		89.0	70	130			

Sample ID: <b>mb-60919</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60919</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793254</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	900		1000		90.1	70	130			

Sample ID: <b>lcs-60884</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60884</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/23/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793255</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	78.6	131			
Surr: BFB	1000		1000		100	70	130			

Sample ID: <b>lcs-60919</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60919</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793256</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		104	70	130			

Sample ID: <b>2106B21-001ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>BH-2A</b>	Batch ID: <b>60884</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/23/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793257</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.68	0	100	61.3	114			
Surr: BFB	1000		987.2		105	70	130			

Sample ID: <b>2106B21-001amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>BH-2A</b>	Batch ID: <b>60884</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/23/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793259</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.63	0	102	61.3	114	1.46	20	
Surr: BFB	1000		985.2		106	70	130	0	0	

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2106B21

01-Jul-21

**Client:** GHD  
**Project:** Pan Am AIZ Federal #1

Sample ID: <b>mb-60884</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60884</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/23/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793305</b>	Units: <b>mg/Kg</b>							
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	0.89		1.000		89.2	70	130			

Sample ID: <b>mb-60919</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60919</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793306</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.91		1.000		91.1	70	130			

Sample ID: <b>lcs-60884</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60884</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/23/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793307</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	101	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	103	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.7	70	130			

Sample ID: <b>lcs-60919</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60919</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793308</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.97		1.000		97.2	70	130			

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: GHD Work Order Number: 2106B21 RcptNo: 1

Received By: Juan Rojas 6/22/2021 7:30:00 AM
Completed By: Cheyenne Cason 6/22/2021 8:08:04 AM
Reviewed By: JN 6/22/21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 2 rows of data.

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: T.C. 6.21.21

# Chain-of-Custody Record

Client: GHD

Turn-Around Time:

Standard  Rush 5-10



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Mailing Address:

Project Name:

Pan Am AIZ Federal #1

324 W. Main St. Suite 108, Artesia NM 88210

Project #:

11228315

Phone #: (505)377-4218

Project Manager:

Becky Haskell

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

Tom Larson

QA/QC Package:

Standard  Level 4 (Full Validation)

Sampler: Zach Comino

Accreditation:  Az Compliance

On Ice:  Yes  No

NELAC  Other

# of Coolers: 2

EDD (Type)

Cooler Temp (including CF): 0.6-0.2 = 0.4

Container Type and #  
Preservative Type  
1.4-0.7 = 1.2  
HEAL No.  
2106B21

Date Time Matrix Sample Name

Date	Time	Matrix	Sample Name
<u>6/21</u>	<u>1000</u>	<u>S</u>	<u>BH-2A</u>
	<u>1005</u>		<u>BH-3A</u>
	<u>1010</u>		<u>BH-4A</u>
	<u>1015</u>		<u>BH-8A</u>
	<u>1020</u>		<u>BH-9A</u>
	<u>1030</u>		<u>BH-10A</u>
	<u>1035</u>		<u>BH-11A</u>
	<u>1040</u>		<u>BH-13A</u>
	<u>1100</u>		<u>SW-1A</u>
	<u>1110</u>		<u>SW-2A</u>
	<u>1115</u>		<u>SW-3A</u>

### Analysis Request

TEX / MTBE / TMB's (8021)	PH:8015D(GRO/DRO/MPB)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
<u>X</u>	<u>X</u>								<u>Chloride Method 300</u>

Date: 6/21 Time: 0800 Relinquished by: Zach Comino

Received by: [Signature] Via: [Signature] Date: 6/21/21 Time: 800

Remarks: Please email: Chase\_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com: Along with Becky Haskell listed above. Direct Bill to EOG Chase Settle

Date: 6/21 Time: 1900 Relinquished by: [Signature]

Received by: [Signature] Via: [Signature] Date: 6/22/21 Time: 7:30

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



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

July 15, 2021

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

RE: Pan Am AIZ Federal 1

OrderNo.: 2107466

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 5 sample(s) on 7/10/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a light blue horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order: 2107466

Date Reported: 7/15/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland  
**Project:** Pan Am AIZ Federal 1

**Lab Order:** 2107466

**Lab ID:** 2107466-001

**Collection Date:** 7/9/2021 8:50:00 AM

**Client Sample ID:** BH-2B

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: <b>VP</b></span>							
Chloride	ND	60		mg/Kg	20	7/13/2021 1:43:30 PM	61256
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> <span style="float: right;">Analyst: <b>SB</b></span>							
Diesel Range Organics (DRO)	19	8.0		mg/Kg	1	7/13/2021 11:05:52 AM	61233
Motor Oil Range Organics (MRO)	ND	40		mg/Kg	1	7/13/2021 11:05:52 AM	61233
Surr: DNOP	93.2	70-130		%Rec	1	7/13/2021 11:05:52 AM	61233
<b>EPA METHOD 8015D: GASOLINE RANGE</b> <span style="float: right;">Analyst: <b>mb</b></span>							
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/13/2021 1:45:00 AM	61227
Surr: BFB	118	70-130		%Rec	1	7/13/2021 1:45:00 AM	61227
<b>EPA METHOD 8021B: VOLATILES</b> <span style="float: right;">Analyst: <b>mb</b></span>							
Benzene	ND	0.024		mg/Kg	1	7/13/2021 1:45:00 AM	61227
Toluene	ND	0.049		mg/Kg	1	7/13/2021 1:45:00 AM	61227
Ethylbenzene	ND	0.049		mg/Kg	1	7/13/2021 1:45:00 AM	61227
Xylenes, Total	ND	0.098		mg/Kg	1	7/13/2021 1:45:00 AM	61227
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	1	7/13/2021 1:45:00 AM	61227

**Lab ID:** 2107466-002

**Collection Date:** 7/9/2021 8:55:00 AM

**Client Sample ID:** BH-3B

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: <b>VP</b></span>							
Chloride	ND	60		mg/Kg	20	7/13/2021 1:55:54 PM	61256
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> <span style="float: right;">Analyst: <b>SB</b></span>							
Diesel Range Organics (DRO)	18	8.5		mg/Kg	1	7/13/2021 11:29:42 AM	61233
Motor Oil Range Organics (MRO)	44	42		mg/Kg	1	7/13/2021 11:29:42 AM	61233
Surr: DNOP	118	70-130		%Rec	1	7/13/2021 11:29:42 AM	61233
<b>EPA METHOD 8015D: GASOLINE RANGE</b> <span style="float: right;">Analyst: <b>mb</b></span>							
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/13/2021 2:05:00 AM	61227
Surr: BFB	111	70-130		%Rec	1	7/13/2021 2:05:00 AM	61227
<b>EPA METHOD 8021B: VOLATILES</b> <span style="float: right;">Analyst: <b>mb</b></span>							
Benzene	ND	0.025		mg/Kg	1	7/13/2021 2:05:00 AM	61227
Toluene	ND	0.050		mg/Kg	1	7/13/2021 2:05:00 AM	61227
Ethylbenzene	ND	0.050		mg/Kg	1	7/13/2021 2:05:00 AM	61227
Xylenes, Total	ND	0.099		mg/Kg	1	7/13/2021 2:05:00 AM	61227
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	7/13/2021 2:05:00 AM	61227

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

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

**Analytical Report**

Lab Order: 2107466

Date Reported: 7/15/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland  
**Project:** Pan Am AIZ Federal 1

**Lab Order:** 2107466

**Lab ID:** 2107466-003

**Collection Date:** 7/9/2021 9:00:00 AM

**Client Sample ID:** BH-8B

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	7/13/2021 2:08:18 PM	61256
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	76	9.4		mg/Kg	1	7/13/2021 11:53:34 AM	61233
Motor Oil Range Organics (MRO)	160	47		mg/Kg	1	7/13/2021 11:53:34 AM	61233
Surr: DNOP	117	70-130		%Rec	1	7/13/2021 11:53:34 AM	61233
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/13/2021 2:25:00 AM	61227
Surr: BFB	112	70-130		%Rec	1	7/13/2021 2:25:00 AM	61227
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	7/13/2021 2:25:00 AM	61227
Toluene	ND	0.050		mg/Kg	1	7/13/2021 2:25:00 AM	61227
Ethylbenzene	ND	0.050		mg/Kg	1	7/13/2021 2:25:00 AM	61227
Xylenes, Total	ND	0.10		mg/Kg	1	7/13/2021 2:25:00 AM	61227
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	7/13/2021 2:25:00 AM	61227

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

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

**Analytical Report**

Lab Order: 2107466

Date Reported: 7/15/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland  
**Project:** Pan Am AIZ Federal 1

**Lab Order:** 2107466

**Lab ID:** 2107466-004

**Collection Date:** 7/9/2021 9:05:00 AM

**Client Sample ID:** BH-9B

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	7/13/2021 2:20:43 PM	61256
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	83	8.3		mg/Kg	1	7/13/2021 12:41:15 PM	61233
Motor Oil Range Organics (MRO)	150	42		mg/Kg	1	7/13/2021 12:41:15 PM	61233
Surr: DNOP	124	70-130		%Rec	1	7/13/2021 12:41:15 PM	61233
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/13/2021 3:45:00 AM	61227
Surr: BFB	114	70-130		%Rec	1	7/13/2021 3:45:00 AM	61227
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	7/13/2021 3:45:00 AM	61227
Toluene	ND	0.050		mg/Kg	1	7/13/2021 3:45:00 AM	61227
Ethylbenzene	ND	0.050		mg/Kg	1	7/13/2021 3:45:00 AM	61227
Xylenes, Total	ND	0.10		mg/Kg	1	7/13/2021 3:45:00 AM	61227
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	7/13/2021 3:45:00 AM	61227

**Lab ID:** 2107466-005

**Collection Date:** 7/9/2021 9:10:00 AM

**Client Sample ID:** BH-13B

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	7/13/2021 3:35:09 PM	61263
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	7/13/2021 3:28:31 PM	61233
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	7/13/2021 3:28:31 PM	61233
Surr: DNOP	95.8	70-130		%Rec	1	7/13/2021 3:28:31 PM	61233
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/13/2021 4:05:00 AM	61227
Surr: BFB	112	70-130		%Rec	1	7/13/2021 4:05:00 AM	61227
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	7/13/2021 4:05:00 AM	61227
Toluene	ND	0.049		mg/Kg	1	7/13/2021 4:05:00 AM	61227
Ethylbenzene	ND	0.049		mg/Kg	1	7/13/2021 4:05:00 AM	61227
Xylenes, Total	ND	0.098		mg/Kg	1	7/13/2021 4:05:00 AM	61227
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	7/13/2021 4:05:00 AM	61227

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

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

**Analytical Report**

Lab Order: 2107466

Date Reported: 7/15/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland  
**Project:** Pan Am AIZ Federal 1

**Lab Order:** 2107466

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

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107466

15-Jul-21

**Client:** GHD Midland  
**Project:** Pan Am AIZ Federal 1

Sample ID: <b>MB-61256</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>61256</b>	RunNo: <b>79769</b>								
Prep Date: <b>7/13/2021</b>	Analysis Date: <b>7/13/2021</b>	SeqNo: <b>2806149</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-61256</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>61256</b>	RunNo: <b>79769</b>								
Prep Date: <b>7/13/2021</b>	Analysis Date: <b>7/13/2021</b>	SeqNo: <b>2806150</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.7	90	110			

Sample ID: <b>MB-61263</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>61263</b>	RunNo: <b>79769</b>								
Prep Date: <b>7/13/2021</b>	Analysis Date: <b>7/13/2021</b>	SeqNo: <b>2806180</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-61263</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>61263</b>	RunNo: <b>79769</b>								
Prep Date: <b>7/13/2021</b>	Analysis Date: <b>7/13/2021</b>	SeqNo: <b>2806181</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.9	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107466

15-Jul-21

**Client:** GHD Midland  
**Project:** Pan Am AIZ Federal 1

Sample ID: <b>MB-61233</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>61233</b>	RunNo: <b>79756</b>								
Prep Date: <b>7/12/2021</b>	Analysis Date: <b>7/13/2021</b>	SeqNo: <b>2806322</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		114	70	130			

Sample ID: <b>LCS-61233</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>61233</b>	RunNo: <b>79756</b>								
Prep Date: <b>7/12/2021</b>	Analysis Date: <b>7/13/2021</b>	SeqNo: <b>2806323</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.9	68.9	141			
Surr: DNOP	5.6		5.000		111	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107466

15-Jul-21

**Client:** GHD Midland  
**Project:** Pan Am AIZ Federal 1

Sample ID: <b>mb-61227</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>61227</b>	RunNo: <b>79725</b>								
Prep Date: <b>7/10/2021</b>	Analysis Date: <b>7/12/2021</b>	SeqNo: <b>2804718</b>	Units: <b>mg/Kg</b>							
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		115	70	130			

Sample ID: <b>ics-61227</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>61227</b>	RunNo: <b>79725</b>								
Prep Date: <b>7/10/2021</b>	Analysis Date: <b>7/12/2021</b>	SeqNo: <b>2804719</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.7	78.6	131			
Surr: BFB	1300		1000		127	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107466

15-Jul-21

**Client:** GHD Midland  
**Project:** Pan Am AIZ Federal 1

Sample ID: <b>mb-61227</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>61227</b>	RunNo: <b>79725</b>								
Prep Date: <b>7/10/2021</b>	Analysis Date: <b>7/12/2021</b>	SeqNo: <b>2804759</b>	Units: <b>mg/Kg</b>							
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		114	70	130			

Sample ID: <b>ics-61227</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>61227</b>	RunNo: <b>79725</b>								
Prep Date: <b>7/10/2021</b>	Analysis Date: <b>7/12/2021</b>	SeqNo: <b>2804760</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.2	80	120			
Toluene	0.95	0.050	1.000	0	95.4	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.2	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.4	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		116	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



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

Sample Log-In Check List

Client Name: GHD Midland Work Order Number: 2107466 RcptNo: 1

Received By: Cheyenne Cason 7/10/2021 8:00:00 AM
Completed By: Cheyenne Cason 7/10/2021 8:35:34 AM
Reviewed By: [Signature] 07/10/2021

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: [Signature] 7/10/21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 0.5, Good, [ ], [ ], [ ]

# Chain-of-Custody Record

Client: GHD

Mailing Address:  
324 W. Main St. Suite 108, Artesia NM 88210  
Phone #: (505)377-4218  
email or Fax#: [Becky.Haskell@ghd.com](mailto:Becky.Haskell@ghd.com)

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

Turn-Around Time:  
 Standard  Rush 3 Day

Project Name:  
Pan Am AIZ Federal #1

Project #:  
1122 8315

Project Manager:  
Becky Haskell  
Tom Larson



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

### Analysis Request

Accreditation:  Az Compliance  
 NELAC  Other \_\_\_\_\_  
 EDD (Type) \_\_\_\_\_

Sampler: Zach Comino  
On Ice:  Yes  No  
# of Coolers: 1

Cooler Temp (including CF): 5-020.5

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	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 <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride Method 300
7/9/21	850	Soil	BH-2B	402 Jar 1	N/A	001	X	X									X
	855		BH-3B			002	X	X									X
	900		BH-8B			003	X	X									X
	905		BH-9B			004	X	X									X
X	910	X	BH-13B	X	X	005	X	X									X

Date: 7/9/21 Time: 1640 Relinquished by: Heath Boyd

Received by: [Signature] Via: \_\_\_\_\_ Date: 7/9/21 Time: 1640

Date: 7/9/21 Time: 1900 Relinquished by: [Signature]

Received by: [Signature] Via: \_\_\_\_\_ Date: 7/10/21 Time: 0800

Remarks: Please email: [Chase\\_Settle@eogresources.com](mailto:Chase_Settle@eogresources.com); [Tom.Larson@ghd.com](mailto:Tom.Larson@ghd.com); [Zach.Comino@ghd.com](mailto:Zach.Comino@ghd.com); Along with Becky Haskell listed above.  
Direct Bill to EOG Chase Settle

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



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

July 27, 2021

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

RE: Pan AM AIZ Federal 1

OrderNo.: 2107A90

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/22/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a light blue horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order 2107A90

Date Reported: 7/27/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-8

Project: Pan AM AIZ Federal 1

Collection Date: 7/20/2021 10:15:00 AM

Lab ID: 2107A90-001

Matrix: SOIL

Received Date: 7/22/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	7/26/2021 10:02:53 PM	61562
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>CLP</b>
Diesel Range Organics (DRO)	9.4	8.9		mg/Kg	1	7/23/2021 5:04:05 PM	61500
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	7/23/2021 5:04:05 PM	61500
Surr: DNOP	125	70-130		%Rec	1	7/23/2021 5:04:05 PM	61500
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/24/2021 1:34:00 PM	61496
Surr: BFB	111	70-130		%Rec	1	7/24/2021 1:34:00 PM	61496
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	7/24/2021 1:34:00 PM	61496
Toluene	ND	0.050		mg/Kg	1	7/24/2021 1:34:00 PM	61496
Ethylbenzene	ND	0.050		mg/Kg	1	7/24/2021 1:34:00 PM	61496
Xylenes, Total	ND	0.10		mg/Kg	1	7/24/2021 1:34:00 PM	61496
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	7/24/2021 1:34:00 PM	61496

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

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

Page 1 of 6

**Analytical Report**

Lab Order **2107A90**

Date Reported: **7/27/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** GHD Midland

**Client Sample ID:** BH-9

**Project:** Pan AM AIZ Federal 1

**Collection Date:** 7/20/2021 10:50:00 AM

**Lab ID:** 2107A90-002

**Matrix:** SOIL

**Received Date:** 7/22/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	7/26/2021 11:04:58 PM	61562
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>CLP</b>
Diesel Range Organics (DRO)	20	8.8		mg/Kg	1	7/23/2021 5:13:46 PM	61500
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	7/23/2021 5:13:46 PM	61500
Surr: DNOP	165	70-130	S	%Rec	1	7/23/2021 5:13:46 PM	61500
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/24/2021 1:54:00 PM	61496
Surr: BFB	111	70-130		%Rec	1	7/24/2021 1:54:00 PM	61496
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	7/24/2021 1:54:00 PM	61496
Toluene	ND	0.050		mg/Kg	1	7/24/2021 1:54:00 PM	61496
Ethylbenzene	ND	0.050		mg/Kg	1	7/24/2021 1:54:00 PM	61496
Xylenes, Total	ND	0.10		mg/Kg	1	7/24/2021 1:54:00 PM	61496
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	7/24/2021 1:54:00 PM	61496

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

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107A90

27-Jul-21

**Client:** GHD Midland  
**Project:** Pan AM AIZ Federal 1

Sample ID: <b>MB-61562</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>61562</b>	RunNo: <b>80053</b>								
Prep Date: <b>7/26/2021</b>	Analysis Date: <b>7/26/2021</b>	SeqNo: <b>2818288</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-61562</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>61562</b>	RunNo: <b>80053</b>								
Prep Date: <b>7/26/2021</b>	Analysis Date: <b>7/26/2021</b>	SeqNo: <b>2818289</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.4	90	110			

**Qualifiers:**

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

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107A90

27-Jul-21

**Client:** GHD Midland  
**Project:** Pan AM AIZ Federal 1

Sample ID: <b>MB-61500</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>61500</b>	RunNo: <b>80042</b>								
Prep Date: <b>7/22/2021</b>	Analysis Date: <b>7/23/2021</b>	SeqNo: <b>2816425</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.8		10.00		97.7	70	130			

Sample ID: <b>LCS-61500</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>61500</b>	RunNo: <b>80042</b>								
Prep Date: <b>7/22/2021</b>	Analysis Date: <b>7/23/2021</b>	SeqNo: <b>2816426</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	10	50.00	0	109	68.9	141			
Surr: DNOP	4.0		5.000		80.7	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107A90

27-Jul-21

**Client:** GHD Midland  
**Project:** Pan AM AIZ Federal 1

Sample ID: <b>mb-61491</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>61491</b>		RunNo: <b>80029</b>							
Prep Date: <b>7/22/2021</b>	Analysis Date: <b>7/23/2021</b>		SeqNo: <b>2818753</b>		Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1200		1000		120	70	130			

Sample ID: <b>mb-61496</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>61496</b>		RunNo: <b>80029</b>							
Prep Date: <b>7/22/2021</b>	Analysis Date: <b>7/24/2021</b>		SeqNo: <b>2818754</b>		Units: <b>mg/Kg</b>					
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		113	70	130			

Sample ID: <b>ics-61491</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>61491</b>		RunNo: <b>80029</b>							
Prep Date: <b>7/22/2021</b>	Analysis Date: <b>7/23/2021</b>		SeqNo: <b>2818755</b>		Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1300		1000		127	70	130			

Sample ID: <b>ics-61496</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>61496</b>		RunNo: <b>80029</b>							
Prep Date: <b>7/22/2021</b>	Analysis Date: <b>7/24/2021</b>		SeqNo: <b>2818757</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	87.9	78.6	131			
Surr: BFB	1300		1000		126	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107A90

27-Jul-21

**Client:** GHD Midland  
**Project:** Pan AM AIZ Federal 1

Sample ID: <b>mb-61491</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>61491</b>	RunNo: <b>80029</b>								
Prep Date: <b>7/22/2021</b>	Analysis Date: <b>7/23/2021</b>	SeqNo: <b>2818955</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.2		1.000		118	70	130			

Sample ID: <b>mb-61496</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>61496</b>	RunNo: <b>80029</b>								
Prep Date: <b>7/22/2021</b>	Analysis Date: <b>7/24/2021</b>	SeqNo: <b>2818956</b>	Units: <b>mg/Kg</b>							
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: <b>lcs-61491</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>61491</b>	RunNo: <b>80029</b>								
Prep Date: <b>7/22/2021</b>	Analysis Date: <b>7/23/2021</b>	SeqNo: <b>2818957</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.2		1.000		116	70	130			

Sample ID: <b>lcs-61496</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>61496</b>	RunNo: <b>80029</b>								
Prep Date: <b>7/22/2021</b>	Analysis Date: <b>7/24/2021</b>	SeqNo: <b>2818959</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	92.6	80	120			
Toluene	0.93	0.050	1.000	0	93.0	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.8	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.2	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		114	70	130			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

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

Page 6 of 6



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

Sample Log-In Check List

Client Name: GHD Midland Work Order Number: 2107A90 RcptNo: 1

Received By: Juan Rojas 7/22/2021 7:30:00 AM

Completed By: Sean Livingston 7/22/2021 7:58:49 AM

Reviewed By: JR 7/22/21

Juan Rojas

Sean Livingston

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C? Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

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

Adjusted?

Checked by: SPA 7.22.21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 2 rows of data.

# Chain-of-Custody Record

Client: GHD

Mailing Address:  
324 W. Main St. Suite 108, Artesia NM 88210  
Phone #: (505)377-4218  
email or Fax#: [Becky.Haskell@ghd.com](mailto:Becky.Haskell@ghd.com)

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

Accreditation:  Az Compliance  
 NELAC  Other \_\_\_\_\_  
 EDD (Type) \_\_\_\_\_

Turn-Around Time:  
 Standard  Rush 3 Day

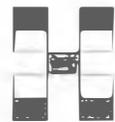
Project Name:  
Pan AM AIZ Federal # 1

Project #:  
11228315

Project Manager:  
Becky Haskell  
Tom Larson

Sampler: Zach Comino Heath Boyd  
On Ice:  Yes  No

# of Coolers: 2



## 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.	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 <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride Method 300
						<u>1.5-0.1-1.4</u>											
						<u>2107A90</u>											
<u>7/20/21</u>	<u>1015</u>	<u>S</u>	<u>BH-8</u>	<u>Jar 4oz 1</u>	<u>N/A</u>	<u>001</u>	<u>X</u>	<u>X</u>									<u>X</u>
<u>7/20/21</u>	<u>10:50</u>	<u>S</u>	<u>BH-9</u>	<u>" "</u>	<u>" "</u>	<u>002</u>	<u>X</u>	<u>X</u>									<u>X</u>
			<u>per sample bottle jar 7/22/21</u>														

Date: <u>7/20/21</u>	Time: <u>900</u>	Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Via:	Date: <u>7/21/21</u>	Time: <u>900</u>
Date: <u>7/21/21</u>	Time: <u>1900</u>	Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Via:	Date: <u>7/22/21</u>	Time: <u>7:30</u>

Remarks: Please email: [Chase\\_Settle@eogresources.com](mailto:Chase_Settle@eogresources.com); [Tom.Larson@ghd.com](mailto:Tom.Larson@ghd.com); [Zach.Comino@ghd.com](mailto:Zach.Comino@ghd.com): Along with Becky Haskell listed above.  
Direct Bill to EOG Chase Settle

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

# Appendix D Waste Manifests

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

Form C-138  
Revised August 1, 2011

\*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

### REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

<b>1. Generator Name and Address:</b> EOG Resources, Inc. 104 South Fourth Street, Artesia, NM 88210
<b>2. Originating Site:</b> Pan Am Pardue ALZ Federal I
<b>3. Location of Material (Street Address, City, State or ULSTR):</b> Section 27-T21S-R24E, Eddy County, NM
<b>4. Source and Description of Waste:</b> Soil impacted by produced water and oil
EOG Resources, Inc. authorizes Gandy Marley to complete the required testing and sign the Generator Waste Testing Certificate.
Estimated Volume 250 yd <sup>3</sup> / bbls Known Volume (to be entered by the operator at the end of the haul) yd <sup>3</sup> / bbls
<b>5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS</b> I, Tina Huerta <u>Tina Huerta</u> , representative or authorized agent for EOG Resources, Inc do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification) <input checked="" type="checkbox"/> RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Weekly <input type="checkbox"/> Per Load <input type="checkbox"/> RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items) <input type="checkbox"/> MSDS Information <input type="checkbox"/> RCRA Hazardous Waste Analysis <input checked="" type="checkbox"/> Process Knowledge <input type="checkbox"/> Other (Provide description in Box 4) <b>GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS</b> I, _____, representative for _____ do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
<b>5. Transporter:</b> BDS

#### OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Lea Land, LLC Permit #WM-1-035  
Address of Facility: MM64 US Highway 62/180 East, Carlsbad, NM 88220  
Method of Treatment and/or Disposal:

- Evaporation
- Injection
- Treating Plant
- Landfarm
- Landfill
- Other

#### Waste Acceptance Status:

- APPROVED
- DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: Shelley Denton TITLE: Manager DATE: 5-26-21  
 SIGNATURE: [Signature] TELEPHONE NO.: 405-236-4257  
 Surface Waste Management Facility Authorized Agent

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

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

\*Surface Waste Management Facility Operator  
and Generator shall maintain and make this  
documentation available for Division inspection.

Form C-138  
Revised August 1, 2011

### REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

<b>1. Generator Name and Address:</b> EOG Resources, Inc. – 104 S 4 <sup>th</sup> Street, Artesia NM 88210
<b>2. Originating Site:</b> Pan Am Pardue AIZ Federal 001
<b>3. Location of Material (Street Address, City, State or ULSTR):</b> N-27-21S-24E Eddy County
<b>4. Source and Description of Waste:</b> Impacted Soil - Oil  EOG Resources, Inc. authorizes Envirotech to complete the required testing and sign the Generator Waste Testing Certification.  Estimated Volume <u>250</u> yd <sup>3</sup> / bbls Known Volume (to be entered by the operator at the end of the haul) _____ yd <sup>3</sup> / bbls
<b>5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS</b> I, <u>Lacev Granillo</u> , representative or authorized agent for <u>EOG Resources, Inc.</u> do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)  <input checked="" type="checkbox"/> RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. <i>Operator Use Only: Waste Acceptance Frequency</i> <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Weekly <input type="checkbox"/> Per Load  <input type="checkbox"/> RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)  <input type="checkbox"/> MSDS Information <input type="checkbox"/> RCRA Hazardous Waste Analysis <input checked="" type="checkbox"/> Process Knowledge <input type="checkbox"/> Other (Provide description in Box 4)
<b>GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS</b> I, _____, representative for _____ do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
<b>5. Transporter:</b> CCI

#### OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Lea Land, LLC Permit #WM-1-035

Address of Facility: MM64 US Highway 62/180 East, Carlsbad, NM 88220

Method of Treatment and/or Disposal:

- Evaporation  
 Injection  
 Treating Plant  
 Landfarm  
 Landfill  
 Other

#### Waste Acceptance Status:

APPROVED

DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

TELEPHONE NO.: \_\_\_\_\_

Surface Waste Management Facility Authorized Agent

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

BDS

### NON-HAZARDOUS WASTE MANIFEST

NO **143568**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **49**

3. COMPANY NAME  
**G E.O.G. Resources**  
 PHONE NO.  
**E (575) 748-1471**

4. ADDRESS  
**105 South 4th St.**  
 CITY STATE ZIP  
**Artesia NM 88210**

5. PICK-UP DATE  
**6/4/2021**  
 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:  
**a. Non-Regulated, Non Hazardous Waste**  
 b.  
 c.  
**d. WT: 34140**

8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
1	CM			

12. COMMENTS OR SPECIAL INSTRUCTIONS:  
**A AIZ FED COM # 001**

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT  
 NAME PHONE NO 24-HOUR EMERGENCY NO.  
**JOE ONTIVEROS 575-887-4048**

15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME  
**CO. MAN: CHASE SETTLE**

SIGNATURE  
 DATE

16. TRANSPORTER (1)  
 NAME: **BDS ENTERPRISES**  
 TEXAS I.D. NO.  
 IN CASE OF EMERGENCY CONTACT: **BRIAN STEVENS**  
 EMERGENCY PHONE: **(575) 302-8498**

17. TRANSPORTER (2)  
 NAME:  
 TEXAS I.D. NO.  
 IN CASE OF EMERGENCY CONTACT:  
 EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material  
 PRINTED/TYPED NAME **Jose L Garcia**  
 SIGNATURE **[Signature]** DATE **6/4/2021**

19. TRANSPORTER (2): Acknowledgment of receipt of material  
 PRINTED/TYPED NAME  
 SIGNATURE DATE

Lea Land, LLC

ADDRESS:  
**Mile Marker 64, U.S. Hwy 62/180,  
 30 Miles East of Carlsbad, NM**

PHONE:  
**575-887-4048**

PERMIT NO.  
**WM-01-035 - New Mexico**

20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE  
**[Signature]**

CELL NO.

DATE  
**6/4/2021**

TIME  
**7:25**

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*BDS*

### NON-HAZARDOUS WASTE MANIFEST

NO **143589**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. *LED*

G E	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>8/4/2021</b>	
	PHONE NO. <b>( 575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.	

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. <b>Non-Regulated, Non Hazardous Waste</b>	<b>1 CM</b>			
	b.				

A T	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>AJZ FED COM # 001</b>	13. WASTE PROFILE NO.
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>	

O R	NAME <b>JOE ONTIVEROS</b>	PHONE NO. <b>575-887-4048</b>	24-HOUR EMERGENCY NO.
	15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC		

T R A N S P O R T E R S	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE
--	--	-----------	------

T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>	17. <b>TRANSPORTER (2)</b>
	NAME: <b>BDS ENTERPRISES</b>	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT: <b>BRIAN STEVENS</b>	IN CASE OF EMERGENCY CONTACT:

T R A N S P O R T E R S	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
	PRINTED/TYPED NAME <i>Victor Mendosa</i>	PRINTED/TYPED NAME

D I S C O L S I T Y	ADDRESS: <b>Lea Land, LLC</b>	PHONE: <b>575-887-4048</b>
	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	

D I S C O L S I T Y	PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
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21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

D I S C O L S I T Y	AUTHORIZED SIGNATURE <i>Santos</i>	CELL NO.	DATE <b>6/4/2021</b>	TIME <b>11:40</b>
	<i>Monzalez</i>			

GENERATOR: COPIES 1 & 6      DISPOSAL SITE: COPIES 2 & 3      TRANSPORTERS: COPIES 4 & 5

**COPY 1**

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

STG

### NON-HAZARDOUS WASTE MANIFEST

NO **145163**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **22**

G E N E R A T O R	3. COMPANY NAME <b>E.O.G. Resources</b>		4. ADDRESS <b>105 South 4th St.</b>			5. PICK-UP DATE <b>8/9/2021</b>		
	PHONE NO. <b>( 575) 748-1471</b>	CITY <b>Artesia</b>	STATE <b>NM</b>	ZIP <b>88210</b>	6. TNRCC I.D. NO.			
R E C E I V E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>				8. CONTAINERS No. <b>1</b> Type <b>CM</b>	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	b.							
	c.							
A U T H O R I Z E D	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>					13. WASTE PROFILE NO.		
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>							
T R A N S P O R T E R S	NAME <b>JOE ONTIVEROS</b>		PHONE NO <b>575-887-4048</b>		24-HOUR EMERGENCY NO.			
	15. <b>GENERATOR'S CERTIFICATION:</b> I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC							
D I S P O S I T I O N	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>			SIGNATURE			DATE	
	16. <b>TRANSPORTER (1)</b>				17. <b>TRANSPORTER (2)</b>			
F A C I L I T Y	NAME: <b>CCI</b>		NAME:		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.		TEXAS I.D. NO.			
A U T H O R I Z E D	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:		EMERGENCY PHONE:			
S I G N A T U R E	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material				19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME		PRINTED/TYPED NAME		PRINTED/TYPED NAME		PRINTED/TYPED NAME	
D I S P O S I T I O N	SIGNATURE <i>Jeromino</i>		DATE <b>8/9/2021</b>		SIGNATURE		DATE	
	Lea Land, LLC		ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>			PHONE: <b>575-887-4048</b>		
A U T H O R I Z E D	PERMIT NO. <b>WM-01-035 - New Mexico</b>			20. COMMENTS				
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.							
S I G N A T U R E	AUTHORIZED SIGNATURE <i>Manzalez</i>		CELL NO.		DATE <b>8/9/2021</b>		TIME <b>12:50</b>	

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*J. Tarini*  
*OL*

### NON-HAZARDOUS WASTE MANIFEST

NO **145164**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. *OL*

G E	3. COMPANY NAME <b>E.O.G. Resources</b>		4. ADDRESS <b>105 South 4th St.</b>			5. PICK-UP DATE <b>8/9/2021</b>		
	PHONE NO. <b>(575) 748-1471</b>		CITY <b>Artesia</b>	STATE <b>NM</b>	ZIP <b>88210</b>	6. TNRCC I.D. NO.		
N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>				8. CONTAINERS No. <b>1</b> Type <b>CM</b>	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	b.							
	c.							
A T O R	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARQUE AIZ FEDERAL # 1</b>				13. WASTE PROFILE NO.			
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>							
NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.				
15. <b>GENERATOR'S CERTIFICATION:</b> I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC								
PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>				SIGNATURE		DATE		
T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>				17. <b>TRANSPORTER (2)</b>			
	NAME: <b>CCI</b>				NAME:			
	TEXAS I.D. NO.				TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b> EMERGENCY PHONE: <b>(432) 741-2508</b>				IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material				19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material				
PRINTED/TYPED NAME <i>Chase Settle</i>				PRINTED/TYPED NAME _____				
SIGNATURE <i>Chase Settle</i> DATE <b>8/9/2021</b>				SIGNATURE _____ DATE _____				
D I S P O S I T O R Y	Lea Land, LLC		ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>			PHONE: <b>575-887-4048</b>		
	PERMIT NO. <b>WM-01-035 - New Mexico</b>			20. COMMENTS				
21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.								
AUTHORIZED SIGNATURE <i>Monzalez</i>			CELL NO.		DATE <b>8/9/2021</b>		TIME <b>12:55</b>	

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

2 BOYS

NON-HAZARDOUS WASTE MANIFEST

NO **145165**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **01**

G E	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>8/9/2021</b>
	PHONE NO. <b>( 575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>	8. CONTAINERS No. Type <b>1 CM</b>	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	b.				
	c.				

WT: **25,310**

A	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>	13. WASTE PROFILE NO.
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T	14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE
---	--	-----------	------

T R A N S P O R T E R S	16. TRANSPORTER (1) NAME: <b>CCI</b> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b> EMERGENCY PHONE: <b>(432) 741-2508</b>	17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:
--	---	---

S	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <b>Alfonso Cedeño</b> SIGNATURE <b>Alfonso Cedeño</b> DATE <b>8/9/2021</b>	19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____
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D I S P O S I T A L Y	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
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PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
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21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <b>[Signature]</b>	CELL NO. <b>[Redacted]</b>	DATE <b>8/9/2021</b>	TIME <b>00</b>
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# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Porras*

### NON-HAZARDOUS WASTE MANIFEST

NO **145166**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **90**

G E	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>8/9/2021</b>
	PHONE NO. <b>(575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>	8. CONTAINERS No.   Type <b>1   CM</b>	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	b.				
	c.				

WT: *26,500*

A	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>	13. WASTE PROFILE NO.
---	---	-----------------------

T	14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE
---	--	-----------	------

T R A N S P O R T E R S	16. TRANSPORTER (1) NAME: <b>CCI</b> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b> EMERGENCY PHONE: <b>(432) 741-2509</b>	17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:
--	---	---

R	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <i>Carlos Porras</i> SIGNATURE <i>[Signature]</i> DATE <b>8/9/2021</b>	19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____
---	--	--

D I S P O S I T A L Y	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
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PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
---	--------------

21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <i>[Signature]</i>	CELL NO.	DATE <b>8/9/2021</b>	TIME <b>1:00</b>
--	----------	-------------------------	---------------------

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Porras*

### NON-HAZARDOUS WASTE MANIFEST

NO **145167**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **104**

G E N E R A T O R	3. COMPANY NAME <b>E.O.G. Resources</b>		4. ADDRESS <b>105 South 4th St.</b>		5. DATE <b>8/9/2021</b>	
	PHONE NO. <b>(575) 748-1471</b>		CITY <b>Artesia</b>	STATE <b>NM</b>	ZIP <b>88210</b>	6. TNRCC I.D. NO.
R E C E I V E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>				8. CONTAINERS No. <b>1</b> Type <b>CM</b>	9. TOTAL QUANTITY
	b.					
	c.					
A U T H O R I Z E D	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>				13. WASTE PROFILE NO.	
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>					
T R A N S P O R T E R S	NAME <b>JOE ONTIVEROS</b>		PHONE NO <b>575-887-4048</b>		24-HOUR EMERGENCY NO.	
	15. <b>GENERATOR'S CERTIFICATION:</b> I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
D I S P O S I T O R	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>			SIGNATURE		DATE
	16. <b>TRANSPORTER (1)</b>			17. <b>TRANSPORTER (2)</b>		
D I S P O S I T O R	NAME: <b>CCI</b>			NAME:		
	TEXAS I.D. NO.			TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>			IN CASE OF EMERGENCY CONTACT:		
EMERGENCY PHONE: <b>(432) 741-2509</b>			EMERGENCY PHONE:			
18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material			19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
PRINTED/TYPED NAME <b>Marcelysa</b>			PRINTED/TYPED NAME			
SIGNATURE <i>[Signature]</i> DATE <b>8/9/2021</b>			SIGNATURE DATE			
D I S P O S I T O R	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
A U T H O R I Z E D	AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.		DATE <b>8/9/2021</b>	TIME <b>1:00</b>

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*J. Tarun*

### NON-HAZARDOUS WASTE MANIFEST

NO **145168**

1. PAGE    OF   

2. TRAILER NO. **04**

<b>G</b>	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>		5. PICK UP DATE <b>8/9/2021</b>	
	PHONE NO. <b>( 575) 748-1471</b>	CITY <b>Artesia</b>	STATE <b>NM</b>	ZIP <b>88210</b>	6. TNRCC I.D. NO.
<b>E</b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No.	9. TOTAL QUANTITY
	<b>Non-Regulated, Non Hazardous Waste</b>			<b>1</b>	<b>CM</b>
	b.				
<b>R</b>	c.				
	<b>WT: 28120</b>				
<b>A</b>	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>			13. WASTE PROFILE NO.	
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>				
<b>T</b>	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.		
	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC				
<b>O</b>	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>		SIGNATURE		DATE
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>		
<b>R</b>	NAME: <b>CCI</b>		NAME:		
	TEXAS I.D. NO.		TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:		
	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:		
<b>S</b>	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material		
	PRINTED/TYPED NAME <i>Fernando S.</i>		PRINTED/TYPED NAME		
	SIGNATURE <i>Fernando S.</i> DATE <b>8/9/2021</b>		SIGNATURE DATE		
<b>D</b>	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS		
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
<b>I</b>	AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.	DATE	TIME <b>05</b>
	<i>[Signature]</i>			<b>8/9/2021</b>	

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

AF

### NON-HAZARDOUS WASTE MANIFEST

NO **145169**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **01**

G E	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>8/9/2021</b>			
	PHONE NO. <b>(575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.			
N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. <b>Non-Regulated, Non Hazardous Waste</b>		<b>1</b> <b>CM</b>			
	b.					
A T O R	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>		13. WASTE PROFILE NO.			
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>					
NAME <b>JOE ONTIVEROS</b>		PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.			
15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material			19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>			SIGNATURE _____ DATE _____			
T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
	NAME: <b>CCI</b>		NAME:			
TEXAS I.D. NO.		TEXAS I.D. NO.				
IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:				
EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:				
PRINTED/TYPED NAME <b>Rosalba Montalvo</b>			PRINTED/TYPED NAME _____			
SIGNATURE <b>Rosalba Montalvo</b> DATE <b>8/9/2021</b>			SIGNATURE _____ DATE _____			
D I S P O S I T A L Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
AUTHORIZED SIGNATURE <b>Montalvo</b>			CELL NO. _____	DATE <b>8/9/2021</b>	TIME <b>1:10</b>	

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Centeno*

### NON-HAZARDOUS WASTE MANIFEST

NO **145170**

1. PAGE    OF   

2. TRAILER NO. **04**

<b>G E N E R A T O R</b>	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>8/8/2021</b>
	PHONE NO. <b>(575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.

<b>N E R A T O R</b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>	8. CONTAINERS No. Type <b>1 CM</b>	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	b.				
	c.				

WT: **21,240**

<b>A T T R I B U T E E R</b>	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>	13. WASTE PROFILE NO.
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>	

<b>T R A N S P O R T E R S</b>	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.
	15. <b>GENERATOR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC		

<b>R E C E I V E R</b>	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE
	16. <b>TRANSPORTER (1)</b>		

<b>T R A N S P O R T E R S</b>	NAME: <b>CCI</b>	17. <b>TRANSPORTER (2)</b>
	TEXAS I.D. NO.	NAME:
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>	TEXAS I.D. NO.
	EMERGENCY PHONE: <b>(432) 741-2508</b>	IN CASE OF EMERGENCY CONTACT:

<b>R E C E I V E R</b>	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material	19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material
	PRINTED/TYPED NAME <b>JOHAN SOMMER</b>	PRINTED/TYPED NAME _____
	SIGNATURE <i>[Signature]</i> DATE <b>8/8/2021</b>	SIGNATURE _____ DATE _____

<b>D I S P O S I T O R Y</b>	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
	PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS	

<b>D I S P O S I T O R Y</b>	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.		
	AUTHORIZED SIGNATURE <i>[Signature]</i>	CELL NO.	DATE <b>8/8/2021</b>
			TIME <b>10</b>

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

El Tachero

### NON-HAZARDOUS WASTE MANIFEST

NO **145171**

1. PAGE    OF   

2. TRAILER NO. **07**

G E	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>8/9/2021</b>
	PHONE NO. <b>(575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.   Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>	<b>1   CM</b>			
	b. c.				

WT: **235X10**

A	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>	13. WASTE PROFILE NO.
---	---	-----------------------

T	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>		
	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE
---	--	-----------	------

T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>	17. <b>TRANSPORTER (2)</b>
	NAME: <b>CCI</b>	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT: **LUIS GAVALDON (432) 741-2509**

18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME: <b>ANGEL CHAVEZ</b>	PRINTED/TYPED NAME: _____
SIGNATURE: <b>ANGEL CHAVEZ</b> DATE: <b>8/9/2021</b>	SIGNATURE: _____ DATE: _____

D F I A C I P I O L S I T A T Y	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
--	---------------	---	------------------------

PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
---	--------------

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <b>Santha</b>	CELL NO.	DATE <b>8/9/2021</b>	TIME <b>1:10</b>
---------------------------------------	----------	-------------------------	---------------------

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*El Taquero*

### NON-HAZARDOUS WASTE MANIFEST

NO **145172**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **110**

G E N E R A T O R	3. COMPANY NAME <b>E.O.G. Resources</b>	ADDRESS <b>105 South 4th St.</b>	5. DATE <b>8/8/2021</b>			
	PHONE NO. <b>(575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.			
N E R E G U L A T E D	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>		8. CONTAINERS No.   Type <b>1   CM</b>	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	b.					
	c.					
A U T H O R I Z E D	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>		13. WASTE PROFILE NO.			
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>					
T R A N S P O R T E R S	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.	
	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
D I S P O S I T O R Y	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>		SIGNATURE		DATE	
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	
	DATE		DATE			
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
D I S P O S I T O R Y	NAME: <b>CCI</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>		IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(432) 741-2509</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Estrada</i>		PRINTED/TYPED NAME			
D I S P O S I T O R Y	SIGNATURE <i>Jose Estrada</i>		DATE <b>8/8/2021</b>		SIGNATURE	

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Porras*

**NON-HAZARDOUS WASTE MANIFEST**

NO **145233**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **90**

<b>G E N E R A T O R</b>	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>8/10/2021</b>		
	PHONE NO. <b>( 575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.		
<b>N E R A T I O N A L</b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>	8. CONTAINERS No. Type <b>1 CM</b>	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	b.				
	c.				
<b>A T T R I B U T E S</b>	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>	13. WASTE PROFILE NO.			
	<b>14. IN CASE OF EMERGENCY OR SPILL, CONTACT</b>				
<b>O B J E C T S</b>	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.		
	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC				
<b>R E C E I V E R</b>	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE		
	16. <b>TRANSPORTER (1)</b>				
<b>T R A N S P O R T E R S</b>	NAME: <b>CCI</b>	17. <b>TRANSPORTER (2)</b>			
	TEXAS I.D. NO.	NAME:			
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON (432) 741-2508</b>	TEXAS I.D. NO.			
	EMERGENCY PHONE:	IN CASE OF EMERGENCY CONTACT:			
<b>D I S P O S I T I O N</b>	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material		
	PRINTED/TYPED NAME <i>Carlos Ponce</i>	PRINTED/TYPED NAME _____			
	SIGNATURE <i>[Signature]</i> DATE <b>8/10/2021</b>	SIGNATURE _____ DATE _____			
<b>F A C I L I T Y</b>	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048		
	PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS			
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
<b>A U T H O R I Z E D</b>	AUTHORIZED SIGNATURE <i>[Signature]</i>	CELL NO.	DATE <b>8/10/2021</b>	TIME <b>12:15</b>	

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

2 Bays

### NON-HAZARDOUS WASTE MANIFEST

NO **145234**

1. PAGE      OF     

2. TRAILER NO. 01

G E	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>8/10/2021</b>
	PHONE NO. <b>(575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>	8. CONTAINERS No. Type <b>1 CM</b>	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	b.				
	c.				

WVI: **21580**

A	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>	13. WASTE PROFILE NO.
---	---	-----------------------

T	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>		
	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R	CO. MAN. CHASE SETTLE PRINTED/TYPED NAME	SIGNATURE	DATE
---	---	-----------	------

T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>	17. <b>TRANSPORTER (2)</b>
	NAME:	NAME:
	TEXAS I.D. NO. <b>LUIS GAVALDON</b>	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT: <b>(432) 741-2509</b>	IN CASE OF EMERGENCY CONTACT:

S	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material	19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material
	PRINTED/TYPED NAME <u>Altowso Celis, LLC</u> SIGNATURE <u>Altowso Celis, LLC</u> DATE <b>8/10/2021</b>	PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____

D I S P O S I T A T I O N	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
---	---------------	---	------------------------

PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
---	--------------

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <u>Santos Gonzalez</u>	CELL NO.	DATE <b>8/10/2021</b>	TIME <b>12:20</b>
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# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*El Taguero*  
*2 Buses*  
*010*

### NON-HAZARDOUS WASTE MANIFEST

NO **145235**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. *010*

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3. COMPANY NAME  
**E.O.G. Resources**  
PHONE NO.  
**( 575) 748-1471**

4. ADDRESS  
**105 South 4th St.**  
CITY STATE ZIP  
**Artesia NM 88210**

5. PICK-UP DATE  
**8/10/2021**  
6. TNRC I.D. NO.

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7. NAME OR DESCRIPTION OF WASTE SHIPPED:  
**Non-Regulated, Non Hazardous Waste**

8. CONTAINERS  
No. Type  
**1 CM**

9. TOTAL QUANTITY

10. UNIT Wt/Vol.

11. TEXAS WASTE ID #

b.  
c.

WT: *25220*

12. COMMENTS OR SPECIAL INSTRUCTIONS:  
**PAN AM PARDUE AIZ FEDERAL # 1**

13. WASTE PROFILE NO.

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#### 14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME PHONE NO 24-HOUR EMERGENCY NO.  
**JOE ONTIVEROS 575-887-4048**

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15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME  
**CO. MAN: CHASE SETTLE**

SIGNATURE DATE

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16. TRANSPORTER (1)  
NAME: **CCI**  
TEXAS I.D. NO.  
IN CASE OF EMERGENCY CONTACT: **LUIS GAVALDON**  
EMERGENCY PHONE: **(432) 741-2509**

17. TRANSPORTER (2)  
NAME:  
TEXAS I.D. NO.  
IN CASE OF EMERGENCY CONTACT:  
EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME *Dose Estrada*  
SIGNATURE *[Signature]* DATE **8/10/2021**

PRINTED/TYPED NAME \_\_\_\_\_  
SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

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Lea Land, LLC

ADDRESS:  
Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

PHONE:  
575-887-4048

PERMIT NO.  
**WM-01-035 - New Mexico**

20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE *[Signature]*

CELL NO. \_\_\_\_\_

DATE  
**8/10/2021**

TIME  
**12:20**

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Porras*  
D4

### NON-HAZARDOUS WASTE MANIFEST

NO **145236**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **D4**

<b>G E N E R A T O R</b>	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>8/10/2021</b>
	PHONE NO. <b>( 575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.

<b>N E R E C O R D</b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>	<b>1 CM</b>			
	b. c.				

WT: **26580**

<b>A T T R I B U T E</b>	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>	13. WASTE PROFILE NO.
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>	

<b>T R A N S P O R T E R S</b>	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.
--	------------------------------	---------------------------------	-----------------------

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

<b>R</b>	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE
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<b>T R A N S P O R T E R S</b>	16. <b>TRANSPORTER (1)</b>	17. <b>TRANSPORTER (2)</b>
	NAME: <b>CCI</b>	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>	IN CASE OF EMERGENCY CONTACT:

<b>S I G N A T U R E</b>	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material	19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material
	PRINTED/TYPED NAME <i>Marcos keys</i>	PRINTED/TYPED NAME _____
	SIGNATURE <i>[Signature]</i> DATE <b>8/10/2021</b>	SIGNATURE _____ DATE _____

<b>D I S P O S I T Y</b>	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
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PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
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21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <i>[Signature]</i>	CELL NO.	DATE <b>8/10/2021</b>	TIME <b>12:30</b>
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# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

STG

NON-HAZARDOUS WASTE MANIFEST NO **145237** 1. PAGE \_\_\_ OF \_\_\_ 2. TRAILER NO. **22**

G E	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK-UP DATE <b>8/10/2021</b>
	PHONE NO. <b>(575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>	<b>1 CM</b>			
	b. c.				

A	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>	13. WASTE PROFILE NO.
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T	14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE
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T R A N S P O R T E R S	16. TRANSPORTER (1)	17. TRANSPORTER (2)
	NAME: <b>CCI</b>	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>	IN CASE OF EMERGENCY CONTACT:

S	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
	PRINTED/TYPED NAME: <b>Jerónimo Amiel</b>	PRINTED/TYPED NAME
	SIGNATURE: <i>[Signature]</i> DATE: <b>8/10/2021</b>	SIGNATURE DATE

D I S C P O L S I T Y	Lea Land, LLC	ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>	PHONE: <b>575-887-4048</b>
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PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
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21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <i>[Signature]</i>	CELL NO.	DATE <b>8/10/2021</b>	TIME <b>12:35</b>
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# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*El Taquero*  
*07*

### NON-HAZARDOUS WASTE MANIFEST

NO **145238**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. *07*

G E N E R A T O R	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>	5. PICK UP DATE <b>8/10/2021</b>
	PHONE NO. <b>( 575) 748-1471</b>	CITY STATE ZIP <b>Artesia NM 88210</b>	6. TNRCC I.D. NO.

N E R A T O R	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>	8. CONTAINERS No.   Type <b>1   CM</b>	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	b.				
	c.				

*WWT: 24820*

A T T R I B U T O R	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>	13. WASTE PROFILE NO.
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>	

NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.
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15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE
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T R A N S P O R T E R S	16. TRANSPORTER (1) NAME: <b>CCI</b> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b> EMERGENCY PHONE: <b>(432) 741-2508</b>	17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:
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18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: <i>Angela</i> SIGNATURE: <i>Angela</i> DATE: <b>8/10/2021</b>	19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____
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D I S P O S I T O R	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
	PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <i>Santos</i>	CELL NO.	DATE <b>8/10/2021</b>	TIME <b>12:35</b>
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# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

AF

### NON-HAZARDOUS WASTE MANIFEST

NO **145239**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **01**

G E N E R A T O R	3. COMPANY NAME <b>E.O.G. Resources</b>		4. ADDRESS <b>105 South 4th St.</b>			5. PICK-UP DATE <b>8/10/2021</b>			
	PHONE NO. <b>( 575) 748-1471</b>		CITY <b>Artesia</b>	STATE <b>NM</b>	ZIP <b>88210</b>	6. TNRCC I.D. NO.			
N E R A T O R	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>					8. CONTAINERS No. <b>1</b> Type <b>CM</b>	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	b.								
	c.								
A T T R I B U T E	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>					13. WASTE PROFILE NO.			
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>								
O R I G I N A L	NAME <b>JOE ONTIVEROS</b>		PHONE NO <b>575-887-4048</b>			24-HOUR EMERGENCY NO.			
	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC								
T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>				17. <b>TRANSPORTER (2)</b>				
	NAME: <b>CCI</b>				NAME:				
D I S P O S I T O R Y	TEXAS I.D. NO.				TEXAS I.D. NO.				
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>				IN CASE OF EMERGENCY CONTACT:				
L E A L A N D	EMERGENCY PHONE: <b>(432) 741-2508</b>				EMERGENCY PHONE:				
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material				19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material				
L E A L A N D	PRINTED/TYPED NAME <b>Rosalba Montalvo</b>				PRINTED/TYPED NAME _____				
	SIGNATURE <b>[Signature]</b> DATE <b>8/10/2021</b>				SIGNATURE _____ DATE _____				
L E A L A N D	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM			PHONE: 575-887-4048			
	PERMIT NO. WM-01-035 - New Mexico				20. COMMENTS				
L E A L A N D	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.								
	AUTHORIZED SIGNATURE <b>[Signature]</b>			CELL NO.		DATE <b>8/10/2021</b>		TIME <b>12:40</b>	

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Centra 10*

**NON-HAZARDOUS WASTE MANIFEST** NO **145240** 1. PAGE      OF      2. TRAILER NO. **04**

<b>G</b>	3. COMPANY NAME <b>E.O.G. Resources</b>	4. ADDRESS <b>105 South 4th St.</b>		5. PICK-UP DATE <b>8/10/2021</b>
	PHONE NO. <b>( 575) 748-1471</b>	CITY <b>Artesia</b>	STATE <b>NM</b>	ZIP <b>88210</b>

<b>E</b>	6. TNRCC I.D. NO.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>	8. CONTAINERS No. <b>1</b> Type <b>CM</b>	9. TOTAL QUANTITY	10. UNIT Wt/Vol.

<b>R</b>	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>PAN AM PARDUE AIZ FEDERAL # 1</b>			13. WASTE PROFILE NO.
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>			

<b>A</b>	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.
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15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

<b>T</b>	PRINTED/TYPED NAME <b>CO. MAN: CHASE SETTLE</b>	SIGNATURE	DATE
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<b>R</b>	16. <b>TRANSPORTER (1)</b>	17. <b>TRANSPORTER (2)</b>
	NAME: <b>CCI</b>	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT: <b>LUIS GAVALDON</b>	IN CASE OF EMERGENCY CONTACT:

<b>O</b>	EMERGENCY PHONE: <b>(432) 741-2509</b>	EMERGENCY PHONE:
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material	19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material
	PRINTED/TYPED NAME <b>JOHANN SOMMER</b>	PRINTED/TYPED NAME

<b>S</b>	SIGNATURE <i>[Signature]</i> DATE <b>8/10/2021</b>	SIGNATURE	DATE
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<b>T</b>	Lea Land, LLC	ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>	PHONE: <b>575-887-4048</b>
	PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

<b>R</b>	AUTHORIZED SIGNATURE <i>[Signature]</i>	CELL NO.	DATE <b>8/10/2021</b>	TIME <b>12:45</b>
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**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 93852

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 93852
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	4/18/2022