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 73	377		
Contact Name Chase Settle				Contact Te	elephone 575-748-1471	
Contact email Chase_Settle@eogresources.com		n		(assigned by OCD)		
Contact mail	ing address	104 S. 4th St	reet, Artesia,	, NM 88	210	
			Locatio	n of Ro	elease So	ource
Latitude 32.	44649					-104.49013
			(NAD 83 in	decimal deg	rees to 5 decim	nal places)
Site Name Pa	an Am Pa	ardue AIZ Fed	leral #1		Site Type	Battery
Date Release	Discovered	04/07/2021			API# (if app	licable) 30-015-10728
	ı					
Unit Letter	Section	Township	Range		Coun	ity
N	N 27 21S 24E Eddy		<u> </u>			
urface Owner	r: State	Federal T	ribal 🗌 Private	: (Name: _)
			Nature aı	nd Vol	ume of I	Release
		al(s) Released (Select a	all that apply and atta	ach calculation	ons or specific	justification for the volumes provided below)
Crude Oil		Volume Releas	ed (bbls) Unkno	own		Volume Recovered (bbls) 0
Produced	Water	Volume Releas	ed (bbls)			Volume Recovered (bbls)
	Is the concentration of dissolved chloride produced water >10,000 mg/l?		d chloride	in the	☐ Yes ☐ No	
Condensa	te	Volume Releas	ed (bbls)			Volume Recovered (bbls)
Natural G	as	s Volume Released (Mcf)			Volume Recovered (Mcf)	
Other (de	Other (describe) Volume/Weight Released (provide units)			Volume/Weight Recovered (provide units)		
Cause of Rel	ease	1				<u> </u>
		discovered d	uring the P&	A of the	e well R	elease volume and date are unknown.

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Page 2	Oil Conservation Division

	rage 2 0j 12
Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	sible party consider this a major release?
☐ Yes ☑ No		
If YES, was immediate no	ctice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	Initial Ro	esponse
The responsible	party must undertake the following actions immediatel	unless they could create a safety hazard that would result in injury
✓ The source of the rele	ease has been stopped.	
☑ The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.
<u> </u>	ecoverable materials have been removed and d above have <u>not</u> been undertaken, explain v	
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notinent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a thre	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Chase		Title: Rep Safety & Environmental Sr
Signature: Than	o Pettlo	Date: 04/19/2021
email: Chase_Settle	@eogresources.com	Telephone: <u>575-748-1471</u>
OCD Only		
Received by:		Date:

of New Mexico

Incident ID nAPP2111040373

Incident ID	nAPP2111040373
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	Unknown (ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ☑ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No	
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No	
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	✓ Yes ☐ No	
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No	
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☑ No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.		
Characterization Report Checklist: Each of the following items must be included in the report.		
 ✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. ✓ Field data ✓ Data table of soil contaminant concentration data ✓ Depth to water determination ✓ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release ✓ Boring or excavation logs ✓ Photographs including date and GIS information ✓ Topographic/Aerial maps ✓ Laboratory data including chain of custody 		

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

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Incident ID	nAPP2111040373	
District RP		
Facility ID		
Application ID		

Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e 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 con	nfirmed as part of any request for deferral of remediation.	
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility	
Extents of contamination must be fully delineated.		
Contamination does not cause an imminent risk to human health	n, 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: The Sittle	Date:08/31/2021	
email: Chase_Settle@eogresources.com	Telephone: <u>575-748-1471</u>	
OCD Only		
Received by:	Date:	
Approved	Approval	
Signature:	<u>Date:</u>	

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



Our ref: 11228315

August 31, 2021

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

Re: Site Characterization and Remediation Work Plan (Backfill Request)

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 Remediation Work Plan (Backfill Request) 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.

The Initial Form C-141, Site Assessment/Characterization and Remediation Plan 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

→ The Power of Commitment

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 resampled 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.

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6. nAPP2111040373 Proposed Work Plan

To conclude, all composite confirmation samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Confirmation sample locations represented areas no greater than 200 square feet and final confirmation samples exhibited concentrations below Table 1 closure criteria. The excavation remains un-backfilled. Photos of excavation are provided in Attachment B.

Site characterization, soil delineation, and remediation activities for incident number nAPP2111040373 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 to backfill the excavation with clean non-impacted material so site reclamation can be completed.

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

Sincerely,

GHD

Becky Haskell

Senior Project Manager

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

Thomas Clayon

BH/tl/1

Encl. Figure 1 – Site Location Map

Rebecca Haskell

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

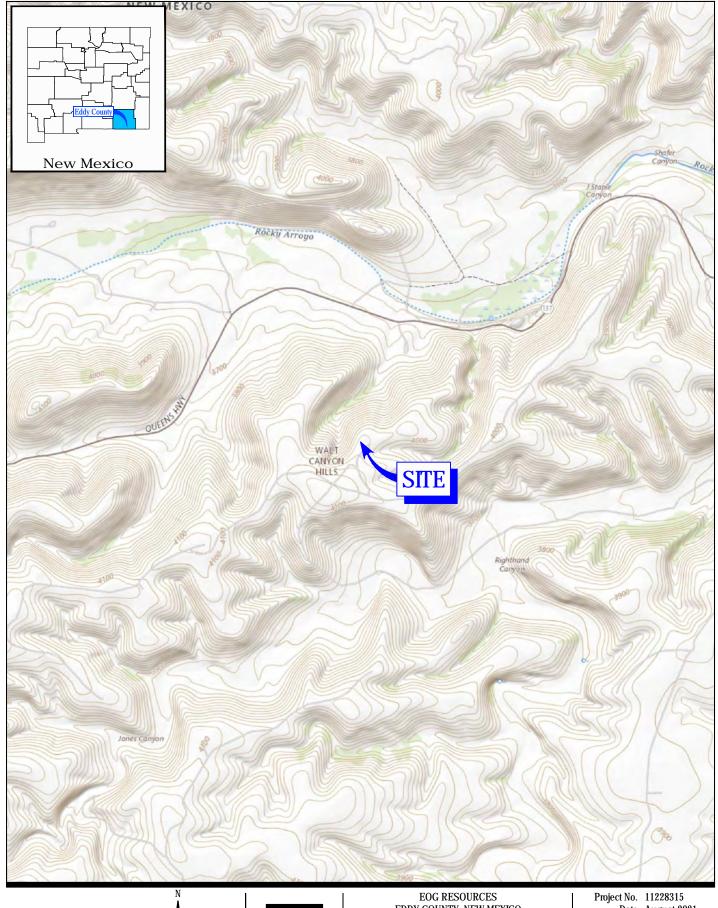
Attachment B - Photographic Log

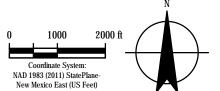
Attachment C – Laboratory Analytical Reports and Chain-of-Custody Documentation

Attachment D - Waste Manifests

cc: Chase Settle

Figures







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

Date August 2021

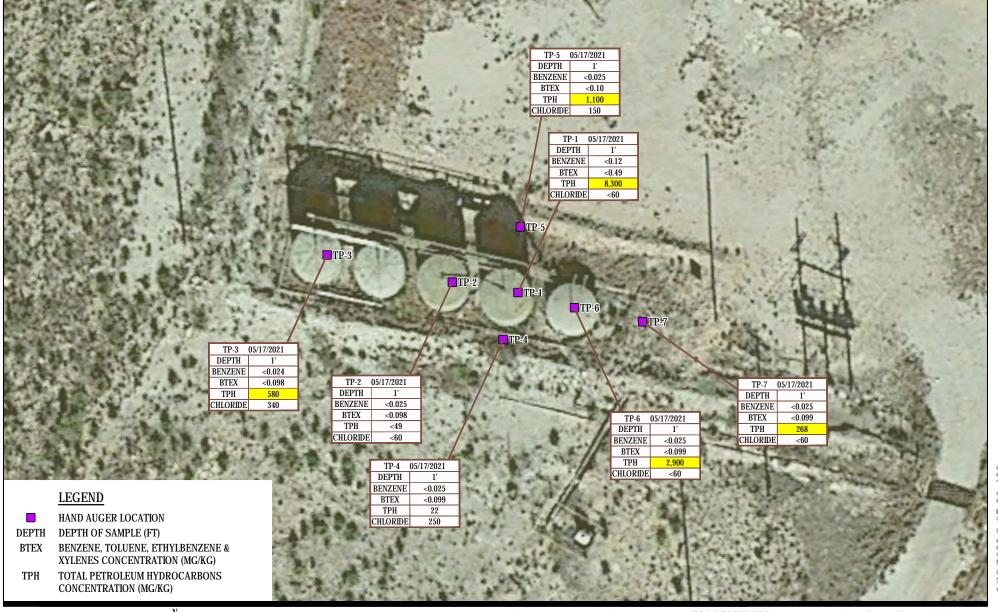
SITE LOCATION MAP

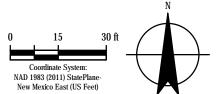
FIGURE 1

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9/1/2021

by OCD:





NOTES:

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

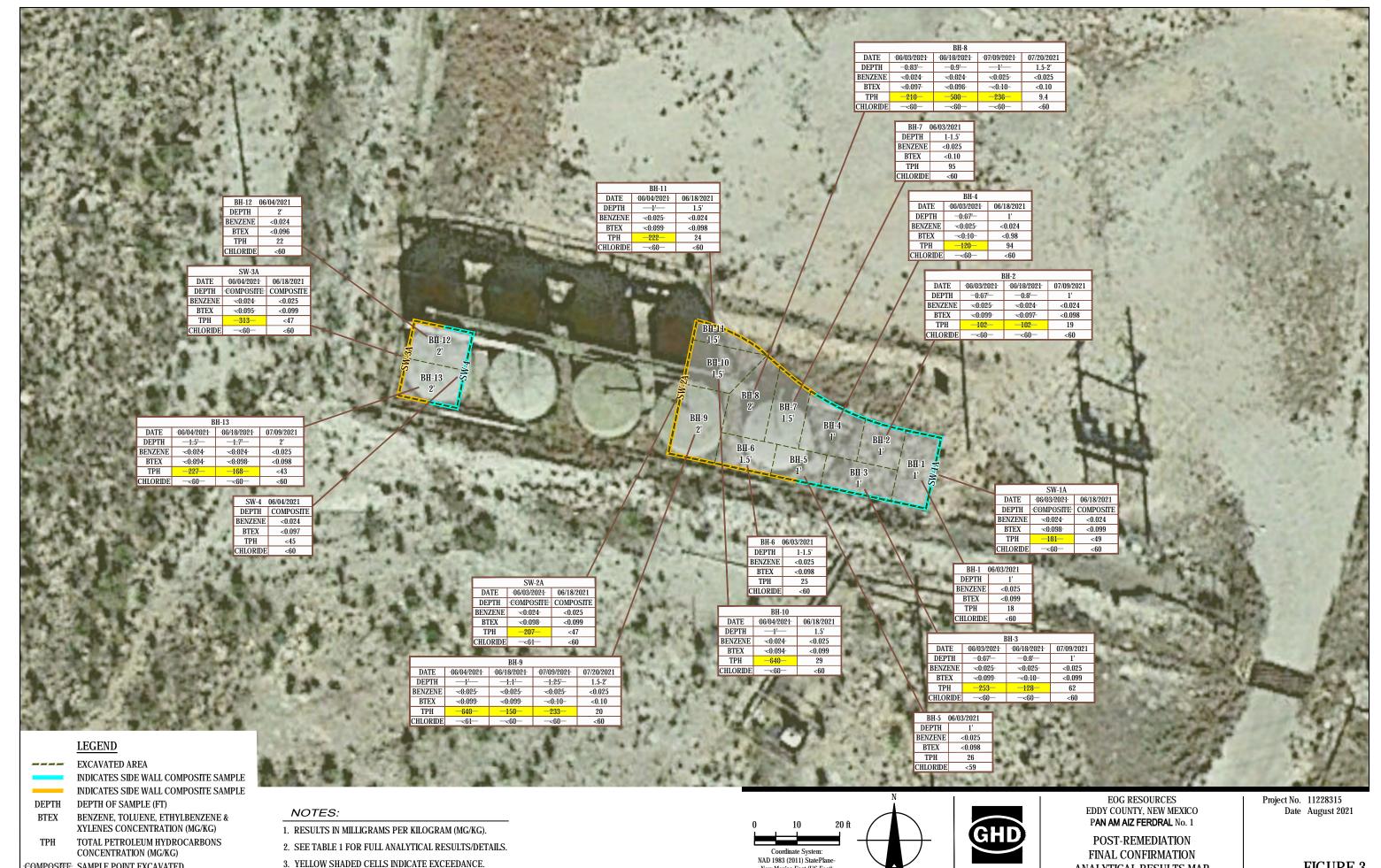


EOG RESOURCES
EDDY COUNTY, NEW MEXICO
PAN AM AIZ FEDERAL No. 1

SITE ASSESSMENT: SOIL ANALYTICAL RESULTS MAP Project No. 11228315 Date August 2021

FIGURE 2

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COMPOSITE SAMPLE POINT EXCAVATED

ANALYTICAL RESULTS MAP

FIGURE 3

Tables

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

				Pan A	Table 1 of Soil Analytical Am AIZ Federal #1 OG Resources county, New Mexic						Page 1	of 2
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	TPH MRO (C28-C35)	Total GRO/DRO/MRO	Chlorid
Sample ID	Date	(feet bgs)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg
			10 mg/Kg			losure Criteria	50 mg/Kg	et Depth to Gro	undwater 19.15	.29 NMAC	100 mg/Kg	600 mg/l
			10 mg/kg				30 mg/kg				100 mg/kg	600 mg/
		1		T	Test Pit Sam	ples	_	T	T	1		
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
				Bott	om Hole Confirma	tion Samples						
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	128	<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-6A	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	236	<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		<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 BH-9	7/9/21	1.25 1.5-2	<0.025 <0.025	<0.050 <0.050	<0.050 <0.050	<0.10 <0.10	<0.10	<5.0 <5.0	83 20	150 <44	233	<60 <60
BH-10	6/4/21	1.3-2	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	230	410	640	<60
BH-10A	6/18/21	1.5	<0.024	<0.047	<0.047	<0.094	<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	<0.029	<0.039	<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**

Page 2 of 2 Table 1 Summary of Soil Analytical Data Pan Am AIZ Federal #1 EOG Resources Eddy County, New Mexico												of 2		
Sample ID	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride		
	Date (feet bgs) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) Table I Closure Criteria for Soils <50 feet									(mg/Kg) (mg/Kg				
			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	22	<46	22	<60		
BH-13	6/4/21	1.5	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	87	140	227	<60		
BH-13A	6/18/21	1.7	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	38	130	168	<60		
BH-13B	7/9/21	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<8.7	<43	<43	<60		
				Sia	le Wall Confirmati	on Samples								
SW-1	6/3/21	composite	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	61	120	181	<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	67	130	207	<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	83	230	313	<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.

B-BH-2 Sample Point Excavated

- TPH analyses by EPA Method SW 8015 Mod.
 GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
 Yellow shaded cells indicate analytical samples that exceed the NMOC 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.

Attachment A Site Characterization Documentation

Pan Am AIZ Federal #1

Karst Potential Map

Pan Am AIZ Federal #1

Legend





Low



Pan Am AlZ Federal #1



Pan Am AIZ Federal #1



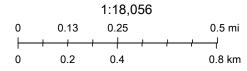
7/4/2021 2:09:47 PM

GIS WATERS PODs

OSE District Boundary

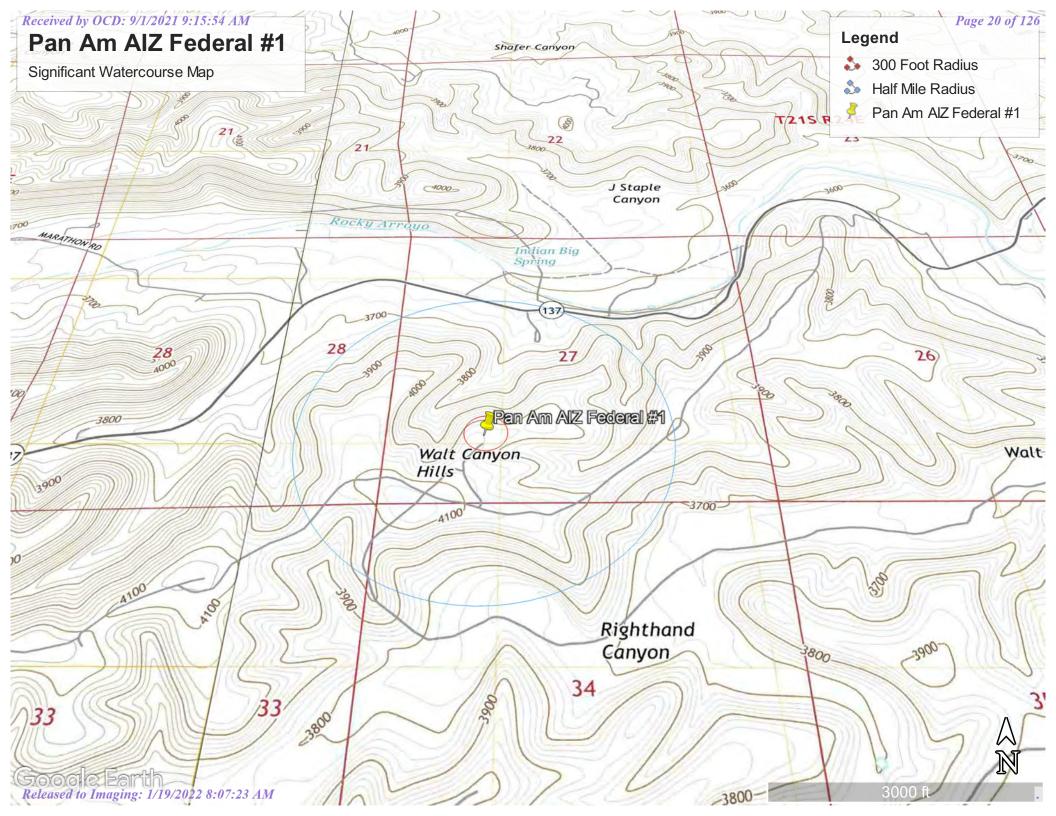
Active

SiteBoundaries



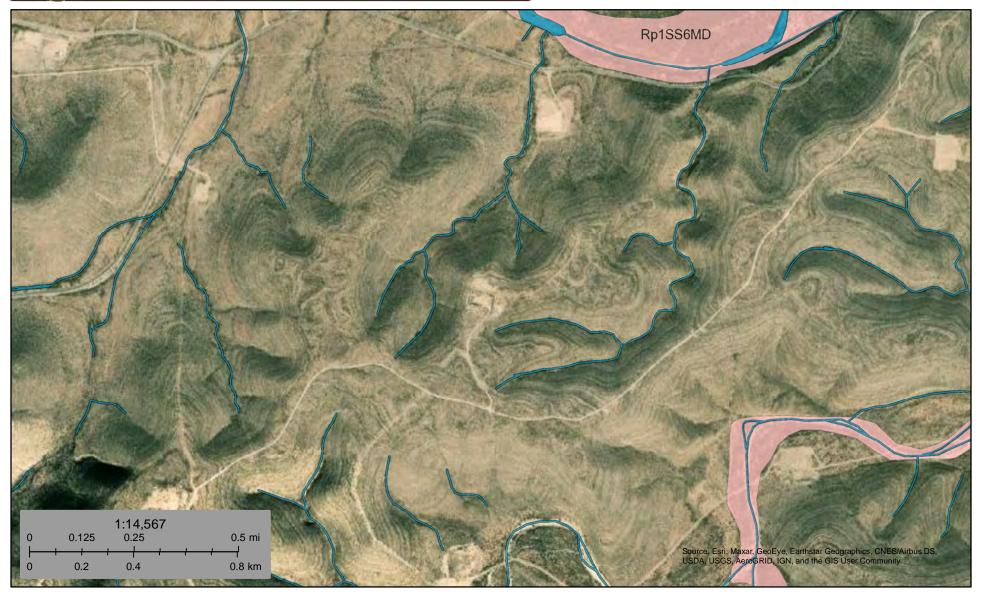
Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management,

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





Pan Am AIZ Federal #1



July 4, 2021

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

Other

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.

OReleas 250 Im 5 9 Ang: 1/19/2022 8:07:23 AM

National Flood Hazard Layer FIRMette





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

Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR

Regulatory Floodway



0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X



Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X

Area with Flood Risk due to Levee Zone D

Area of Undetermined Flood Hazard Zone D



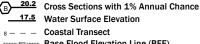
NO SCREEN Area of Minimal Flood Hazard Zone X

Effective LOMRs

OTHER AREAS

- - - Channel, Culvert, or Storm Sewer

GENERAL STRUCTURES | LILLIL Levee, Dike, or Floodwall



Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary

-- Coastal Transect Baseline OTHER **FEATURES**

Profile Baseline Hydrographic Feature

Digital Data Available

MAP PANELS



Unmapped

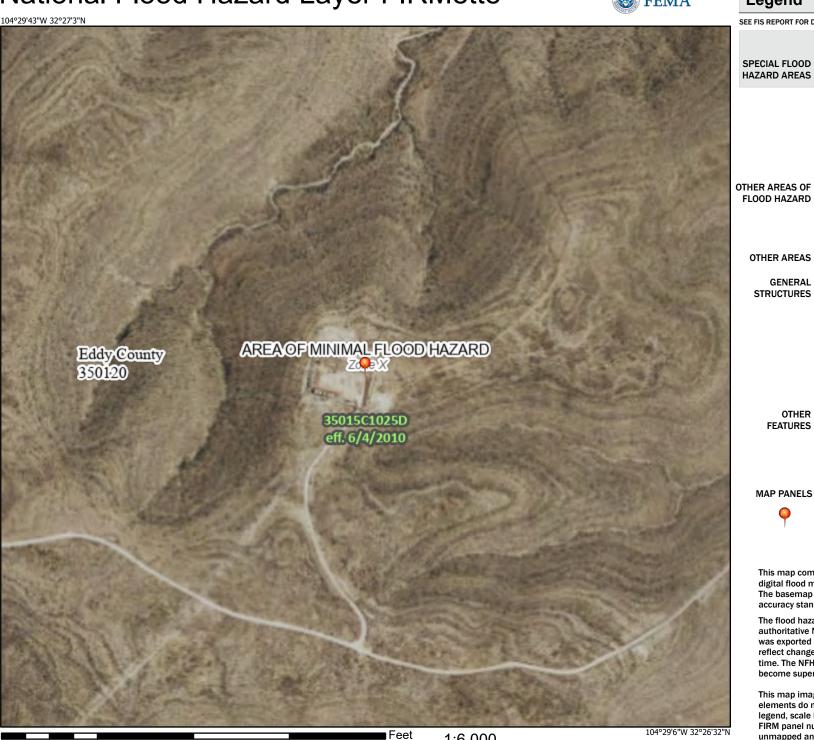


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/13/2021 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 AlZ 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-ofCustody 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 or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

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: 2105797-001 **Collection Date:** 5/17/2021 11:55:00 AM

Client Sample ID: TP1 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed 1	Batch ID
EPA METHOD 300.0: ANIONS						Analys	st: VP
Chloride	ND	60		mg/Kg	20	5/20/2021 11:28:59 Al	M 60151
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analys	st: SB
Diesel Range Organics (DRO)	3800	92		mg/Kg	10	5/20/2021 10:46:59 Al	M 60136
Motor Oil Range Organics (MRO)	4500	460		mg/Kg	10	5/20/2021 10:46:59 Al	M 60136
Surr: DNOP	0	70-130	S	%Rec	10	5/20/2021 10:46:59 Al	M 60136
EPA METHOD 8015D: GASOLINE RANGE						Analys	st: NSB
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
EPA METHOD 8021B: VOLATILES						Analys	st: NSB
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	Ba	tch ID
EPA METHOD 300.0: ANIONS					Ana	alyst:	VP
Chloride	ND	60	mg/Kg	20	5/20/2021 11:41:24	4 AM	60151
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	alyst:	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/20/2021 10:13:49	MA 6	60136
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/20/2021 10:13:49	MA 6	60136
Surr: DNOP	108	70-130	%Rec	1	5/20/2021 10:13:49	MA 6	60136
EPA METHOD 8015D: GASOLINE RANGE					Ana	alyst:	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/20/2021 11:32:42	2 PM	60129
Surr: BFB	98.8	70-130	%Rec	1	5/20/2021 11:32:42	2 PM	60129
EPA METHOD 8021B: VOLATILES					Ana	alyst:	NSB
Benzene	ND	0.025	mg/Kg	1	5/20/2021 11:32:42	2 PM	60129
Toluene	ND	0.049	mg/Kg	1	5/20/2021 11:32:42	2 PM	60129
Ethylbenzene	ND	0.049	mg/Kg	1	5/20/2021 11:32:42	2 PM	60129
Xylenes, Total	ND	0.098	mg/Kg	1	5/20/2021 11:32:42	2 PM	60129
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	5/20/2021 11:32:42	2 PM	60129

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

Qualifiers:

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

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

Page 1 of 10

Lab Order: 2105797

Date Reported: 5/21/2021

2105797

Hall Environmental Analysis Laboratory, Inc.

Lab Order:

CLIENT: GHD
Project: Pan Am AI2 Federal 1

Lab ID: 2105797-003 **Collection Date:** 5/17/2021 12:05:00 PM

Client Sample ID: TP3 Matrix: SOIL

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

Qualifiers:

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

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

Page 2 of 10

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 B	atch ID
EPA METHOD 300.0: ANIONS					Analys	: VP
Chloride	250	60	mg/Kg	20	5/20/2021 12:37:07 PM	l 60151
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: SB
Diesel Range Organics (DRO)	22	9.1	mg/Kg	1	5/20/2021 10:23:29 AM	I 60136
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	5/20/2021 10:23:29 AM	l 60136
Surr: DNOP	80.6	70-130	%Rec	1	5/20/2021 10:23:29 AM	I 60136
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	: NSB
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 Q	ual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Ana	yst: VP
Chloride	150	60	mg/Kg	20	5/20/2021 12:49:32	PM 60151
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Ana	yst: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Ana	yst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/21/2021 1:31:00 A	M 60129
Surr: BFB	97.6	70-130	%Rec	1	5/21/2021 1:31:00 A	M 60129
EPA METHOD 8021B: VOLATILES					Ana	yst: NSB
Benzene	ND	0.025	mg/Kg	1	5/21/2021 1:31:00 A	M 60129
Toluene	ND	0.050	mg/Kg	1	5/21/2021 1:31:00 A	M 60129
Ethylbenzene	ND	0.050	mg/Kg	1	5/21/2021 1:31:00 A	M 60129
Xylenes, Total	ND	0.10	mg/Kg	1	5/21/2021 1:31:00 A	M 60129
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	5/21/2021 1:31:00 A	M 60129

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

Qualifiers:

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

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

Page 3 of 10

Lab Order: 2105797

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/21/2021

CLIENT: GHD Lab Order: 2105797

Project: Pan Am AI2 Federal 1

Lab ID: 2105797-006 **Collection Date:** 5/17/2021 12:20:00 PM

Client Sample ID: TP6 Matrix: SOIL

Chent Sample ID: 1P6		Matrix: SOIL									
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID				
EPA METHOD 300.0: ANIONS						Ana	lyst: VP				
Chloride	ND	60		mg/Kg	20	5/20/2021 1:26:46 F	PM 60151				
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Ana	lyst: SB				
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 A	AM 60136				
EPA METHOD 8015D: GASOLINE RANGE						Ana	lyst: NSB				
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				
EPA METHOD 8021B: VOLATILES						Ana	lyst: NSB				
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 A	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.

Qualifiers:

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

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

Page 4 of 10

Lab Order: 2105797

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/21/2021

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

Client Sample ID: TP7			Matrix)IL			
Analyses	Result	RL Qu	ial Units	DF	Date Analyzed	Batch ID	
EPA METHOD 300.0: ANIONS					Anal	yst: VP	
Chloride	ND	60	mg/Kg	20	5/20/2021 1:39:10 P	M 60151	
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Anal	yst: SB	
Diesel Range Organics (DRO)	68	9.7	mg/Kg	1	5/20/2021 2:31:26 P	M 60136	
Motor Oil Range Organics (MRO)	200	49	mg/Kg	1	5/20/2021 2:31:26 P	M 60136	
Surr: DNOP	101	70-130	%Rec	1	5/20/2021 2:31:26 P	M 60136	
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: NSB	
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/21/2021 2:18:00 A	M 60129	
Surr: BFB	97.4	70-130	%Rec	1	5/21/2021 2:18:00 A	M 60129	
EPA METHOD 8021B: VOLATILES					Anal	yst: NSB	
Benzene	ND	0.025	mg/Kg	1	5/21/2021 2:18:00 A	M 60129	
Toluene	ND	0.050	mg/Kg	1	5/21/2021 2:18:00 A	M 60129	
Ethylbenzene	ND	0.050	mg/Kg	1	5/21/2021 2:18:00 A	M 60129	
Xylenes, Total	ND	0.099	mg/Kg	1	5/21/2021 2:18:00 A	M 60129	
Surr: 4-Bromofluorobenzene	108	70-130	%Rec	1	5/21/2021 2:18:00 A	M 60129	

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

Qualifiers:

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

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

Page 5 of 10

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2105797**

21-May-21

Client: GHD

Project: Pan Am AI2 Federal 1

Sample ID: MB-60151 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 60151 RunNo: 77526

Prep Date: 5/20/2021 Analysis Date: 5/20/2021 SeqNo: 2752461 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-60151 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 60151 RunNo: 77526

Prep Date: 5/20/2021 Analysis Date: 5/20/2021 SeqNo: 2752462 Units: mg/Kg

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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 10

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2105797 21-May-21**

Client: GHD

Project: Pan Am AI2 Federal 1

Sample ID: MB-60136	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID:		Ru	RunNo: 77529						
Prep Date: 5/19/2021	Analysis Date:	5/20/2021	Se	qNo: 2751569	Units: mg/Kg					
Analyte	Result Po	QL SPK value	SPK Ref Val	%REC LowLimit	HighLimit %RF	PD 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: LCS-60136	SampType:	LCS	TestC	Code: EPA Method	8015M/D: Diesel Ra	ange Organics				
Client ID: LCSS	Batch ID:	60136	Ru	RunNo: 77529						
Prep Date: 5/19/2021	Analysis Date:	5/20/2021	Se	qNo: 2751642	Units: mg/Kg	s: mg/Kg				
Analyte	Result Po	QL SPK value	SPK Ref Val	%REC LowLimit	HighLimit %RF	PD 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: LCS-60152	SampType:	LCS	TestC	Code: EPA Method	8015M/D: Diesel Ra	ange Organics				
Client ID: LCSS	Batch ID:	60152	Ru	nNo: 77529						
Prep Date: 5/20/2021	Analysis Date:	5/20/2021	Se	qNo: 2751985	Units: %Rec					
Analyte	Result Po	QL SPK value	SPK Ref Val	%REC LowLimit	HighLimit %RF	PD RPDLimit	Qual			
Surr: DNOP	5.0	5.000		99.1 70	130					
Sample ID: MB-60152	SampType:	MBLK	TestC	Code: EPA Method	8015M/D: Diesel Ra	015M/D: Diesel Range Organics				

Sample ID: MB-60152	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS Batch ID: 60152				F	RunNo: 7 7	7529				
Prep Date: 5/20/2021	Analysis Da	ite: 5/	20/2021	8	SeqNo: 27	751986	Units: %Rec	:		
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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2105797

21-May-21

Client: GHD

Project: Pan Am AI2 Federal 1

Sample ID: mb-60139 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 60139 RunNo: 77537

Prep Date: 5/19/2021 Analysis Date: 5/20/2021 SeqNo: 2752224 Units: %Rec

Analyte Result SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Surr: BFB 990 1000 99 2 130

Sample ID: Ics-60139 TestCode: EPA Method 8015D: Gasoline Range SampType: LCS

Client ID: LCSS Batch ID: 60139 RunNo: 77537

Prep Date: Analysis Date: 5/20/2021 SeqNo: 2752225 5/19/2021 Units: %Rec

%REC Result **PQL** SPK value SPK Ref Val %RPD **RPDLimit** Analyte I owl imit HighLimit Qual

Surr: BFB 1100 1000 110 70 130

Sample ID: mb-60129 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 60129 RunNo: 77537

Prep Date: 5/19/2021 Analysis Date: 5/20/2021 SeqNo: 2752247 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** LowLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 990 1000 99.4 70 130

Sample ID: Ics-60129 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 60129 RunNo: 77537

Prep Date: 5/19/2021 Analysis Date: 5/20/2021 SeqNo: 2752248 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result **PQL** LowLimit Qual 5.0 n 89.8 Gasoline Range Organics (GRO) 22 25.00 78.6 131

Surr: BFB 1100 1000 106 70 130

Sample ID: 2105797-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: TP1 Batch ID: 60129 RunNo: 77537

Prep Date: 5/19/2021 Analysis Date: 5/20/2021 SeqNo: 2752250 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Gasoline Range Organics (GRO) 20 61.3 26 24.49 106 114

Surr: BFB 4900 4897 101 70 130

TestCode: EPA Method 8015D: Gasoline Range Sample ID: 2105797-001amsd SampType: MSD

Client ID: TP1 Batch ID: 60129 RunNo: 77537

Prep Date: 5/19/2021 Analysis Date: 5/20/2021 SeqNo: 2752251 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 24 20 24.73 n 96.2 61.3 114 8.90 20

4900 99.0 Surr: BFB 4946 70 130 0 0

Qualifiers:

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

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2105797

21-May-21

Client: GHD

Project: Pan Am AI2 Federal 1

Sample ID: mb-60139 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 60139 RunNo: 77537

Prep Date: 5/19/2021 Analysis Date: 5/20/2021 SeqNo: 2752268 Units: %Rec

Analyte Result SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Surr: 4-Bromofluorobenzene 1 000 109 130 1 1

TestCode: EPA Method 8021B: Volatiles Sample ID: LCS-60139 SampType: LCS

Client ID: LCSS Batch ID: 60139 RunNo: 77537

Prep Date: Analysis Date: 5/20/2021 SeqNo: 2752269 5/19/2021 Units: %Rec

%REC %RPD **RPDLimit** Result SPK value SPK Ref Val LowLimit Qual Analyte POI HighLimit

Surr: 4-Bromofluorobenzene 1.1 1.000 107 70 130

Sample ID: mb-60129 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: Batch ID: 60129 PRS RunNo: 77537

Prep Date: 5/19/2021 Analysis Date: 5/20/2021 SeqNo: 2752291 Units: mg/Kg

PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte Result Qual 0.025 Benzene ND ND 0.050 Toluene Ethylbenzene ND 0.050 Xylenes, Total ND 0.10 70

TestCode: EPA Method 8021B: Volatiles

108 Surr: 4-Bromofluorobenzene 1.1 1.000 130

Client ID: LCSS Batch ID: 60129 RunNo: 77537

SampType: LCS

Prep Date: 5/19/2021 Analysis Date: 5/20/2021 SeqNo: 2752292 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result **PQL** LowLimit HighLimit Qual 0.95 0.025 1.000 0 95.5 80 120 Benzene 97.6 80 Toluene 0.98 0.050 1.000 0 120 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 70 1 000 108 130 1 1

Sample ID: 2105797-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: TP2 Batch ID: 60129 RunNo: 77537

Prep Date: 5/19/2021 Analysis Date: 5/20/2021 SeqNo: 2752295 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Result **PQL** LowLimit HighLimit Qual Analyte Benzene 0.92 0.025 0.9814 0 93.6 76.3 120 0 98.6 78.5 Toluene 0.97 0.049 0.9814 120 0.98 0.9814 0 99.9 78.1 Ethylbenzene 0.049 124 0 Xylenes, Total 3.0 0.098 2.944 100 79.3 125

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

Sample ID: LCS-60129

% Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

1.1

WO#: **2105797**

0

21-May-21

Client: GHD

Surr: 4-Bromofluorobenzene

Project: Pan Am AI2 Federal 1

Sample ID: 2105797-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: TP2 Batch ID: 60129 RunNo: 77537

Prep Date: 5/19/2021 Analysis Date: 5/20/2021 SeqNo: 2752295 Units: mg/Kg

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

 Surr: 4-Bromofluorobenzene
 1.1
 0.9814
 108
 70
 130

0.9775

Sample ID: 2105797-002amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles Client ID: TP2 Batch ID: 60129 RunNo: 77537 Prep Date: 5/19/2021 Analysis Date: 5/21/2021 SeqNo: 2752296 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Result **PQL** LowLimit HighLimit Qual Analyte 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 0.049 0.9775 0 109 80 120 8.34 20 1.1 8.20 20 Xylenes, Total 3.2 0.098 2.933 0 109 80 120

109

70

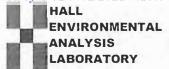
130

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: chents.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD	Work Order	Number: 2105797		RcptNo: 1
Received By: Juan Rojas	5/19/2021 7:2	8:00 AM	- warring	
Completed By: Cheyenne Case	on 5/19/2021 7:4	7:27 AM	Chil	
Reviewed By: JR 5/19/	21			
Chain of Custody				
1. Is Chain of Custody complete?		Yes 🗸	No 🗆	Not Present
2. How was the sample delivered?	,	Courier		
<u>Log In</u>				
3. Was an attempt made to cool th	ne samples?	Yes 🗹	No 🗌	NA 🗆
4. Were all samples received at a	temperature of >0° C to 6.0°	C Yes 🗸	No 🗆	NA 🗆
5. Sample(s) in proper container(s)?	Yes 🗸	No 🗆	
6. Sufficient sample volume for ind	licated test(s)?	Yes 🗸	No 🗌	
7. Are samples (except VOA and 0	ONG) properly preserved?	Yes 🗸	No 🗌	
8. Was preservative added to bottl	es?	Yes	No 🗸	NA 🗌
9. Received at least 1 vial with hea	adspace <1/4" for AQ VOA?	Yes	No 🗌	NA 🗹
10. Were any sample containers re	ceived broken?	Yes	No 🗹	# of preserved
11. Does paperwork match bottle la (Note discrepancies on chain of		Yes 🗹	No 🗆	bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified	on Chain of Custody?	Yes 🗸	No 🗌	Adjusted?
13. Is it clear what analyses were re	equested?	Yes 🗸	No 🗌	Checked by: SPA 5.19
 Were all holding times able to b (If no, notify customer for author) 		Yes 🗸	No	Checked by:
Special Handling (if applica	nble)			
15. Was client notified of all discrep	pancies with this order?	Yes	No 🗌	NA 🗹
Person Notified:		Date:		
By Whom:		Via: eMail	Phone Fax	☐ In Person
Regarding:				
Client Instructions:				
16. Additional remarks:				
17. Cooler Information Cooler No Temp °C C 1 0.0 Goo	ondition Seal Intact Sea	l No Seal Date	Signed By	

Client:	chain GA		ustody Record	Turn-Aroun		3 1												IEN		
_	CIL	()		☐ Standar Project Nan	, ,	1 3 12		- 41	· · ·									TAS	'OR	łY
Mailing	Address	s:		Pan An	ATZ	61.141		10	01 H	۱ lawki	www.							nα		
3241.	MI	<4 <.	LIOS Atole NMS	0	W 717C	redeval. In	1)5-34						345-4		03		
			7-4218		228315		la C					_	nalys	_	_	_				
email o	r Fax#: Package:	RI	Softle Con rescurces. Com Child. com	Project Mar		cll	's (8021)	/DRO/MROB	PCB's		8270SIMS		PO ₄ , SO ₄			t/Absent)	300			
Accredi		☐ Az Co☐ Othe	ompliance r	Sampler: On Ice: # of Coolers Cooler Tem	Yes	2-0.2 - (°C)	MTBE / TMB	5D(GRO/DR	8081 Pesticides/8082	EDB (Method 504.1)	8310 or 8270	S	, NO ₃ , NO ₂ ,	(A)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	De Meth			
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type		QTEX / I	(PH:8015D(GRO	8081 Pes	EDB (Me	PAHs by 8310 or	\X	Cl, F, Br,	8260 (VOA)	8270 (Se	Total Col	4			
क्षारहर	1155	S	TPI	Jav		Œ	X	X									X			
1	1200	1	TP2	1		CYP17_	1	1									1			
	1705		TP3			003	1													
	1210		TP4			<u>CO4</u>									1		1			
	1215		TPS			005	1	1							1		1	_		
	1220		TP6	1		Mrs 00%	1					-					1			
<u> </u>	1225	V	TPT			007	1		_			+	+		+		1			
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						-						1			1					
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1/8/21	1900	14/11	uj	111	+ rouris		1);	vz (+	61	1	to	E	6	6	has	٠٠ ٥	Sell	ile
Released t	f necessary o Imagin	samples si ng: 1/19/2	bmitted to Hall Environmental may be su	bcontracted to other	accredited laborator	ies. This serves as notice of thi	s poss	ibility.	Any s	ub-cont	racted o	data w	vill be c	learly i	notate	ed on t	he ana	lytical rep	oort.	



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: 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 or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: 2106313

Date Reported: 6/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106313

Project: Pan Am AI2 Federal 1

Lab ID: 2106313-001 **Collection Date:** 6/3/2021 1:45:00 PM

Client Sample ID: BH-1 Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Anal	/st: VP
Chloride	ND	60	mg/Kg	20	6/10/2021 8:04:16 P	M 60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Anal	/st: SB
Diesel Range Organics (DRO)	18	9.0	mg/Kg	1	6/12/2021 1:08:01 P	M 60457
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	6/12/2021 1:08:01 P	M 60457
Surr: DNOP	105	70-130	%Rec	1	6/12/2021 1:08:01 P	M 60457
EPA METHOD 8015D: GASOLINE RANGE					Anal	/st: NSB
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
EPA METHOD 8021B: VOLATILES					Anal	/st: NSB
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 I	Batch ID
EPA METHOD 300.0: ANIONS						Analys	st: VP
Chloride	ND	60		mg/Kg	20	6/10/2021 8:16:41 PM	60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analys	st: SB
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
EPA METHOD 8015D: GASOLINE RANGE						Analys	st: NSB
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
EPA METHOD 8021B: VOLATILES						Analys	st: NSB
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.

Qualifiers:

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

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

Page 1 of 11

CLIENT:

Analytical Report

Lab Order: 2106313

Date Reported: 6/16/2021

Hall Environmental Analysis Laboratory, Inc.

GHD **Lab Order:** 2106313

Project: Pan Am AI2 Federal 1

Lab ID: 2106313-003 **Collection Date:** 6/3/2021 1:55:00 PM

Client Sample ID: BH-3 Matrix: SOIL

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

Qualifiers:

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

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

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CLIENT:

Analytical Report

Lab Order: 2106313 Date Reported: 6/16/2021

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2106313

GHD Project: Pan Am AI2 Federal 1

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

Matrix: SOIL Client Sample ID: BH-4

Analyses	Result	RL Q	ual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	60	mg/Kg	20	6/10/2021 9:06:19 PM	60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
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 B	atch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	59	mg/Kg	20	6/10/2021 9:18:44 PM	60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
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.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL

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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: 2106313-006 **Collection Date:** 6/3/2021 2:15:00 PM

Client Sample ID: BH-6 Matrix: SOIL

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

Qualifiers:

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

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

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Lab Order: 2106313

Date Reported: 6/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106313

Project: Pan Am AI2 Federal 1

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 B	atch ID
EPA METHOD 300.0: ANIONS					Analys	: VP
Chloride	ND	60	mg/Kg	20	6/10/2021 9:43:34 PM	60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	: NSB
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
EPA METHOD 300.0: ANIONS						Ana	lyst: VP
Chloride	ND	60		mg/Kg	20	6/10/2021 9:56:00 F	PM 60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Ana	lyst: SB
Diesel Range Organics (DRO)	80	9.5		mg/Kg	1	6/11/2021 5:12:16 F	PM 60457
Motor Oil Range Organics (MRO)	130	47		mg/Kg	1	6/11/2021 5:12:16 F	PM 60457
Surr: DNOP	134	70-130	S	%Rec	1	6/11/2021 5:12:16 F	PM 60457
EPA METHOD 8015D: GASOLINE RANGE						Ana	lyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/8/2021 9:16:46 AI	M 60456
Surr: BFB	105	70-130		%Rec	1	6/8/2021 9:16:46 AI	M 60456
EPA METHOD 8021B: VOLATILES						Ana	lyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/8/2021 9:16:46 AI	M 60456
Toluene	ND	0.049		mg/Kg	1	6/8/2021 9:16:46 AI	M 60456
Ethylbenzene	ND	0.049		mg/Kg	1	6/8/2021 9:16:46 AI	M 60456
Xylenes, Total	ND	0.097		mg/Kg	1	6/8/2021 9:16:46 AI	M 60456
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/8/2021 9:16:46 AI	M 60456

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

Qualifiers:

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

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

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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: 2106313-009 **Collection Date:** 6/3/2021 2:45:00 PM

Client Sample ID: SW-1 Matrix: SOIL

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

Qualifiers:

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

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

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CLIENT:

Analytical Report

Lab Order: 2106313

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/16/2021

2106313

Lab Order:

GHD Project: Pan Am AI2 Federal 1

Lab ID: 2106313-010 Collection Date: 6/3/2021 2:50:00 PM

Client Sample ID: Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- \mathbf{E} Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2106313** *16-Jun-21*

Client: GHD

Project: Pan Am AI2 Federal 1

Sample ID: MB-60561 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 60561 RunNo: 79004

Prep Date: 6/10/2021 Analysis Date: 6/10/2021 SeqNo: 2771478 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-60561 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 60561 RunNo: 79004

Prep Date: 6/10/2021 Analysis Date: 6/10/2021 SeqNo: 2771479 Units: mg/Kg

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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2106313** *16-Jun-21*

Client: GHD

Surr: DNOP

Project: Pan Am AI2 Federal 1

Sample ID: MB-60457 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: **PBS** Batch ID: **60457** RunNo: **78922**

Prep Date: 6/7/2021 Analysis Date: 6/8/2021 SeqNo: 2768686 Units: mg/Kg

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

Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 12 10.00 117 70 130

Sample ID: LCS-60457 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60457 RunNo: 78922

5.1

Prep Date: 6/7/2021 Analysis Date: 6/8/2021 SeqNo: 2768687 Units: mg/Kg

5.000

SPK value SPK Ref Val %REC Analyte Result PQL LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 48 10 50.00 95.3 68.9 141

102

70

130

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2106313** *16-Jun-21*

Client: GHD

Surr: BFB

Project: Pan Am AI2 Federal 1

Sample ID: mb-60456 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 60456 RunNo: 78893

Prep Date: 6/5/2021 Analysis Date: 6/7/2021 SeqNo: 2767217 Units: mg/Kg

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

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1100 1000 107 70 130

Sample ID: Ics-60456 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 60456 RunNo: 78893

1200

Prep Date: 6/5/2021 Analysis Date: 6/7/2021 SeqNo: 2767218 Units: mg/Kg

1000

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

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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2106313** *16-Jun-21*

Client: GHD

Project: Pan Am AI2 Federal 1

Sample ID: mb-60456 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 60456 RunNo: 78893

Prep Date: 6/5/2021 Analysis Date: 6/7/2021 SeqNo: 2767265 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Benzene ND 0.025

 Toluene
 ND
 0.050

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

 Surr: 4-Bromofluorobenzene
 1.0
 1.000
 104
 70
 130

Sample ID: LCS-60456 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 60456 RunNo: 78893

Prep Date: 6/5/2021 Analysis Date: 6/7/2021 SeqNo: 2767266 Units: mg/Kg

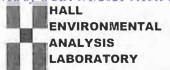
1 10p Bato: 0/0/2021	, alaryolo L	, a.o.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	`	. 0. 200	ormo. mg/m	9				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.96	0.025	1.000	0	95.9	80	120				
Toluene	0.99	0.050	1.000	0	98.6	80	120				
Ethylbenzene	0.98	0.050	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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

Sample Log-In Check List

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Client Name: GHD	Work Orde	r Number: 2	106313		RcptNo:	
Received By: Juan Ro	jas 6/5/2021 8:3	0:00 AM		Junion &		
Completed By: Juan Ro				Marsay.		
A CONTRACTOR OF THE PROPERTY O	105/202/	O4. I4 AW		7 . 2		
Chain of Custody						
1. Is Chain of Custody com	plete?	Y	es 🗸	No 🗌	Not Present	
2. How was the sample del	ivered?	<u>C</u>	<u>ourier</u>			
<u>Log In</u>						
3. Was an attempt made to	cool the samples?	Ye	es 🗸	No 🗌	NA 🗌	
4. Were all samples receive	ed at a temperature of >0° C to 6.0)°C Y	es 🗸	No 🗌	NA 🗆	
5. Sample(s) in proper cont	ainer(s)?	Y	es 🗸	No 🗌		
6. Sufficient sample volume	for indicated test(s)?	Ye	es 🗸	No 🗌		
7. Are samples (except VOA	A and ONG) properly preserved?	Ye	es 🗸	No 🗆		
8. Was preservative added		Ye	es 🗆	No 🔽	NA 🗌	
9. Received at least 1 vial w	vith headspace <1/4" for AQ VOA?	Ye	es 🗌	No 🗌	NA 🗹	
10. Were any sample contain	ners received broken?	Y	es 🗆	No 🔽	# of preserved	
11. Does paperwork match b (Note discrepancies on c		Ye	es 🗸	No 🗆		12 umless noted)
12. Are matrices correctly ide	entified on Chain of Custody?	Ye	es 🗸	No 🗌	Adjusted?	
13. Is it clear what analyses	were requested?	Ye		No 🗌	/ 1	0 110-121
14. Were all holding times at (If no, notify customer for		Ye	es 🗸	No 🗌	Checked by:	126/5/21
Special Handling (if ag	oplicable)					
15. Was client notified of all	discrepancies with this order?	Υ	es 🗌	No 🗆	NA 🗹	
Person Notified:		Date:				
By Whom:		Via:	eMail [Phone Fax	☐ In Person	
Regarding:						
Client Instructions:						
16. Additional remarks:						
17. Cooler Information						
Cooler No Temp of	C Condition Seal Intact Se	al No Sea	I Date	Signed By		
1 0.8	Good					
2 1.7	Good					

C	hain	-of-C	ustody Record	Turn-Around	Time:					7										
Client:	CH	1		Standard		Sdy												1EN RA		
				Project Nam	e:						www	v.ha	llenv	rironi	ment	tal.co	om			
Mailing	Address	:		Tion A	AI	Fe - 1 #1		49	01 F	lawk	ins N	1E -	- Alt	ouqu	erqu	e, N	M 87	109		
2401	dala St	5:1	08 Atsi DM 88210	Project #:				Т	el. 50	05-34	15-39	975	1	ax	505-	345	-4107	7		
			7-4710	112	28315							_	-	-	Req			11.5		
email o	r Fax#:	R. 1.	Hickory (CHI) com	Project Mana	ager: Bedy	Haskeell	21)	30)	(0)				SO4			ent)	300			
QA/QC	Package:	Tou La	Settle @compositive is a constant of GHD: Coing I Level 4 (Full Validation)			Larson	s (8021)	W / C	PCB's		8270SIMS		PO ₄ ,			/Abs	0			
Accred			ompliance	Sampler:	21/	nines	TMB's	BK		=	270		NO ₂ , F			sent	1			
□ NEL		□ Othe		On Ice:	ØYes	□ No	-	9)8/s	504.	9 19	S			(A)	(Pre	3			
□ EDD	(Type)	-		# of Coolers:			MTBE	9	cide	bo	310	etal	NO ₃	_	١٠	nu				
				Cooler Temp	O(including CF):	9-0.1=0.6 (°C)	-	015	Pestir	Meth	by 8	8	Ŗ,	VOA	Sem	Solifo	03			
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type		втех	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310 or	RCRA 8 Metals	CI, F,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	77			
710370	1345	S	BH-I			- 120 1	X	K,									4			
1	1350	1	BH-2			-002	1	,												
	1355		13H-3			-003														
	1400		BH-4			-004														
	1405		131-1-5			-005														
	1415		BH-6			-006														
	1420		BH-7			-007														
	1430		BH-8			-008														
	1445		SW-1			- 009														
Y	1450	4	SW-Z			-U10	Ψ	V									4			
																			- 1	
Date:	Time:	Relinquish	ned by:	Received by:	Via:	Date Time	Ren	nark	S: ①				'1					C.	(1)	
	nona	7	10161	Mull	1112	6/4/21 800		iain	ا ،	leis	2. 0	in	101	Lec	ملص ک	Liel	1	also	HUC	cin
Date:	Time:	Relinquish	ned by:	Received by:	Via:		~		درار	7	6	76	O.	inci	2	113/	٧,	0090		٨
64/21	1900	Elu	mms	111	Tourier	6/dzi £:30).	1/2	et	1	31	1	to.	801	4	2	ا محدت	Set	t/e



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: 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 or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **2106312**Date Reported: **6/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106312

Project: Pan Am AIZ Federal 1

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 I	Batch ID
EPA METHOD 300.0: ANIONS						Analys	t: VP
Chloride	ND	61		mg/Kg	20	6/10/2021 5:47:43 PM	60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analys	t: SB
Diesel Range Organics (DRO)	240	9.1		mg/Kg	1	6/11/2021 10:49:49 PI	И 60473
Motor Oil Range Organics (MRO)	400	46		mg/Kg	1	6/11/2021 10:49:49 PI	И 60473
Surr: DNOP	147	70-130	S	%Rec	1	6/11/2021 10:49:49 PI	И 60473
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: NSB
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
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
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 B	atch ID
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	6/10/2021 6:49:47 PM	60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	:: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
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
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
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.

Qualifiers:

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

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

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Lab Order: 2106312

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/16/2021

CLIENT: GHD Lab Order: 2106312

Project: Pan Am AIZ Federal 1

Lab ID: 2106312-003 **Collection Date:** 6/4/2021 11:20:00 AM

Client Sample ID: BH-11 Matrix: SOIL

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

Qualifiers:

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

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

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Lab Order: **2106312**Date Reported: **6/16/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106312

Project: Pan Am AIZ Federal 1

Lab ID: 2106312-004 **Collection Date:** 6/4/2021 11:30:00 AM

Client Sample ID: BH-12 Matrix: SOIL

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed I	Batch ID
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	ND	60	mg/Kg	20	6/10/2021 7:14:37 PM	60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	st: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
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 B	atch ID
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	60	mg/Kg	20	6/10/2021 7:27:02 PM	60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
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
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
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.

Qualifiers:

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

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

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Lab Order: 2106312

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/16/2021

CLIENT: GHD Lab Order: 2106312

Project: Pan Am AIZ Federal 1

Lab ID: 2106312-006 **Collection Date:** 6/4/2021 11:50:00 AM

Client Sample ID: SW-3 Matrix: SOIL

Chent Sample ID: 5 w - 5			Matrix	: 50	'IL	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Ana	lyst: VP
Chloride	ND	60	mg/Kg	20	6/10/2021 7:39:26 F	PM 60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Ana	lyst: SB
Diesel Range Organics (DRO)	83	17	mg/Kg	2	6/12/2021 6:06:53 A	M 60473
Motor Oil Range Organics (MRO)	230	86	mg/Kg	2	6/12/2021 6:06:53 A	M 60473
Surr: DNOP	123	70-130	%Rec	2	6/12/2021 6:06:53 A	M 60473
EPA METHOD 8015D: GASOLINE RANGE					Ana	lyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/9/2021 3:14:46 PM	M 60472
Surr: BFB	109	70-130	%Rec	1	6/9/2021 3:14:46 PM	И 60472
EPA METHOD 8021B: VOLATILES					Ana	yst: NSB
Benzene	ND	0.024	mg/Kg	1	6/9/2021 3:14:46 PM	И 60472
Toluene	ND	0.048	mg/Kg	1	6/9/2021 3:14:46 PM	И 60472
Ethylbenzene	ND	0.048	mg/Kg	1	6/9/2021 3:14:46 PM	И 60472
Xylenes, Total	ND	0.095	mg/Kg	1	6/9/2021 3:14:46 PM	И 60472
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	6/9/2021 3:14:46 PM	И 60472

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

Qualifiers:

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

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

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Lab Order: **2106312**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/16/2021

CLIENT: GHD Lab Order: 2106312

Project: Pan Am AIZ Federal 1

Lab ID: 2106312-007 **Collection Date:** 6/4/2021 11:55:00 AM

Client Sample ID: SW-4 Matrix: SOIL

Cheff Sample ID. 5 W-4			Manix	. 50	/IL		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Anal	yst: VP
Chloride	ND	60		mg/Kg	20	6/10/2021 7:51:51 P	M 60561
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Anal	yst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/12/2021 3:16:13 A	M 60473
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/12/2021 3:16:13 A	M 60473
Surr: DNOP	141	70-130	S	%Rec	1	6/12/2021 3:16:13 A	M 60473
EPA METHOD 8015D: GASOLINE RANGE						Anal	yst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/9/2021 3:38:24 PM	1 60472
Surr: BFB	109	70-130		%Rec	1	6/9/2021 3:38:24 PM	1 60472
EPA METHOD 8021B: VOLATILES						Anal	yst: NSB
Benzene	ND	0.024		mg/Kg	1	6/9/2021 3:38:24 PM	1 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 PN	1 60472
Xylenes, Total	ND	0.097		mg/Kg	1	6/9/2021 3:38:24 PM	1 60472
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/9/2021 3:38:24 PM	1 60472

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2106312**

16-Jun-21

Client: GHD

Project: Pan Am AIZ Federal 1

Sample ID: MB-60561 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 60561 RunNo: 79004

Prep Date: 6/10/2021 Analysis Date: 6/10/2021 SeqNo: 2771478 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-60561 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 60561 RunNo: 79004

Prep Date: 6/10/2021 Analysis Date: 6/10/2021 SeqNo: 2771479 Units: mg/Kg

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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

2106312 16-Jun-21

WO#:

Client: GHD

Project: Pan Am AIZ Federal 1

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

Sample ID: LCS-60473 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 60473 RunNo: 78979 Prep Date: 6/7/2021 Analysis Date: 6/10/2021 SeqNo: 2771934 Units: mg/Kg SPK value SPK Ref Val %REC Analyte Result PQL 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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Hall Environmental Analysis Laboratory, Inc.

2106312

WO#:

16-Jun-21

Client: GHD

Surr: BFB

Project: Pan Am AIZ Federal 1

Sample ID: mb-60472 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 60472 RunNo: 78935

Prep Date: 6/7/2021 Analysis Date: 6/9/2021 SeqNo: 2770405 Units: mg/Kg

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

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1100 1000 107 70 130

Sample ID: Ics-60472 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 60472 RunNo: 78935

1200

Prep Date: 6/7/2021 Analysis Date: 6/9/2021 SeqNo: 2770406 Units: mg/Kg

1000

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

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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2106312** *16-Jun-21*

Client: GHD

Project: Pan Am AIZ Federal 1

Sample ID: mb-60472 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 60472 RunNo: 78935

Prep Date: 6/7/2021 Analysis Date: 6/9/2021 SeqNo: 2770452 Units: mg/Kg

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

 Benzene
 ND
 0.025

 Toluene
 ND
 0.050

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

 Surr: 4-Bromofluorobenzene
 1.1
 1.000
 105
 70
 130

Sample ID: LCS-60472 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 60472 RunNo: 78935

Prep Date: 6/7/2021 Analysis Date: 6/9/2021 SeqNo: 2770458 Units: mg/Kg

	,a., 5.5 -		0,202.	_			o.me. mg/m	9		
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

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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: 0	SHD		Work (Order Number:	210	6312		RcptNo: 1	
Received By:	Juan Rojas		6/5/2021	8:30:00 AM			Juan and	2.	
	Juan Rojas		6/5/2021	10:53:05 AM			Mansag	,	
	nd 06/05						2		
Chain of Custo	ody								
1. Is Chain of Cus	tody comple	ete?			Yes	V	No 🗌	Not Present	
2. How was the sa	imple delive	red?			Cou	<u>rier</u>			
Log In									
3. Was an attempt	made to co	ool the sample	es?		Yes	V	No 🗌	NA 🗆	
4. Were all sample	s received	at a temperati	ure of >0° C to	o 6.0°C	Yes	V	No 🗌	NA 🗆	
5. Sample(s) in pre	oper contair	ner(s)?			Yes	~	No 🗌		
6. Sufficient sampl	e volume fo	r indicated tes	st(s)?		Yes	V	No 🗌		
7. Are samples (ex	cept VOA a	ind ONG) proj	perly preserve	d?	Yes	V	No 🗆		
8. Was preservativ	e added to	bottles?			Yes		No 🗹	NA 🗆	
9. Received at least	st 1 vial with	headspace <	:1/4" for AQ V	OA?	Yes		No 🗆	NA 🗹	
10. Were any samp	le containe	rs received br	oken?		Yes		No 🔽	# of preserved	
11. Does paperwork (Note discrepan					Yes	~	No 🗌	bottles checked for pH: (<2 or >12 unless noted	d)
12. Are matrices co	rrectly ident	ified on Chain	of Custody?		Yes	V	No 🗌	Adjusted?	
13. Is it clear what a	nalyses we	re requested?			Yes	V	No 🗌	10011	O_{i}
14. Were all holding (If no, notify cus					Yes	V	No 🗔	Checked by: JR 6/5	21
Special Handlir	ng (if app	licable)					4		
15. Was client notif			ith this order?		Yes		No 🗆	NA 🗹	
Person N	otified:			Date:	_				
By Whom	n:]			Via: [eN	lail 🗌	Phone Fa	x In Person	
Regardin	g: J								
Client Ins	tructions:								
16. Additional rem	arks:								
17. Cooler Inform	nation Temp °C	Condition	Seal Intact	Seal No S	Seal D)ate	Signed By		
	0.8	Good	Ocal Illact	Jean No.	Joan L	aic	Oigiled by		
	1.7	Good							

	Chain	-of-C	ustody Record	Turn-Around	Time:								_							_
Client:				Standard	l □ Rush	5-80,		1										1EN RAT		
				Project Nam		1										tal.co				
Mailing	Address	3:		Pan Ain	AT7 /	Down H		49	01 H								оп М 87 [,]	109		
5417	11.	1.2 12	LIOSANLSIC NIMBERIO	Project #:	<u> </u>	LIXEVIL			el. 50						•		<i>-</i> 4107			
Phone	#: (50	75.	7-4218	11	778315	-			31. 00			-	-	-	_	ues				
email o	or Fax#:	12.6	History QGHD con	Project Mana	ager:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	=	0					SO4			nt)	2			
QA/QC	Package	Chast -	Settle @ apresources.com rson @ GHD. can Level 4 (Full Validation)		Bedy	Haskell	(8021)	\ R R	PCB's		MS		PO4, \$			pse	Ŕ			
□ Star	ndard	ion, Li	☐ Level 4 (Full Validation)		John	leave Ola	3's (8	2 PC		8270SIMS		A.			ent/A	-3			
	litation:		ompliance	Sampler:		who	TMB's		3082	1			NO ₂ ,			rese	N. Hal			
□ NEL		□ Othe	r	On Ice:	Yes	□ No	~	88	les/8	204	0 or	SIS			10A	(P) ر	र			
LI EDI	O (Type)			# of Coolers:		9-0.1=0.8-(°C)	MTBE	0)03	sticic	thoc	831	Metals	Br, NO ₃ ,	(A)	mi-\	iforn	J.			
				200101 10111	Timelading Of 7.	1.8-0.1=1.7		801	Pes	(Me	by	ω	B	8	(Se	Col	2170			
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX/	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310	RCRA	CI, F,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	7			
CZOYZI		S	BH-9	Type and #	Туре	-001	N	8	ω	Ш		ш.	0	8	8		20		1	
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	1130		13A-12			-064														
	1140		RA-13			-005														
	1150		\$10-3			-006	1													
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Date:	Time:	Relinquish	ned by:	Received by:	Via:	(0)	Rer	nark	s:	7	ن کو	2	wie		Tai	h. 6	ani	no (6-	CHI	J. wh.
Odra) Date:	Time:	Relinguish	con ino/g/	Received by:	Via:	Date Time			a	lon	, L	SiHic	-	eth	crs	1.	ski	c. 60	11	J. wn
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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

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **2106B21**Date Reported: **7/1/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106B21

Project: Pan Am AIZ Federal #1

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
EPA METHOD 300.0: ANIONS					Analy	st: JMT
Chloride	ND	60	mg/Kg	20	6/27/2021 10:42:12 F	PM 60954
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analy	st: BRM
Diesel Range Organics (DRO)	47	9.5	mg/Kg	1	6/27/2021 12:21:17	M 60900
Motor Oil Range Organics (MRO)	55	47	mg/Kg	1	6/27/2021 12:21:17 A	M 60900
Surr: DNOP	77.4	70-130	%Rec	1	6/27/2021 12:21:17	M 60900
EPA METHOD 8015D: GASOLINE RANGE					Analy	st: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/29/2021 1:38:00 PI	И 60884
Surr: BFB	88.2	70-130	%Rec	1	6/29/2021 1:38:00 PI	И 60884
EPA METHOD 8021B: VOLATILES					Analy	st: mb
Benzene	ND	0.024	mg/Kg	1	6/29/2021 1:38:00 PI	M 60884
Toluene	ND	0.048	mg/Kg	1	6/29/2021 1:38:00 PI	M 60884
Ethylbenzene	ND	0.048	mg/Kg	1	6/29/2021 1:38:00 PI	M 60884
Xylenes, Total	ND	0.097	mg/Kg	1	6/29/2021 1:38:00 PI	M 60884
Surr: 4-Bromofluorobenzene	86.6	70-130	%Rec	1	6/29/2021 1:38:00 PI	И 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 E	Batch ID
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	6/29/2021 12:26:05 PM	И 60959
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: BRM
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
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: mb
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
EPA METHOD 8021B: VOLATILES					Analys	t: mb
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.

Qualifiers:

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

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

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Lab Order: **2106B21**Date Reported: **7/1/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106B21

Project: Pan Am AIZ Federal #1

Lab ID: 2106B21-003 **Collection Date:** 6/18/2021 10:10:00 AM

Client Sample ID: BH-4A Matrix: SOIL

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

Qualifiers:

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

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

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Lab Order: **2106B21**Date Reported: **7/1/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106B21

Project: Pan Am AIZ Federal #1

Lab ID: 2106B21-004 **Collection Date:** 6/18/2021 10:15:00 AM

Client Sample ID: BH-8A Matrix: SOIL

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analysi	: ЈМТ
Chloride	ND	60	mg/Kg	20	6/29/2021 12:50:53 PM	60959
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: BRM
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
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
EPA METHOD 8021B: VOLATILES					Analyst	: mb
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
EPA METHOD 300.0: ANIONS					Analy	st: JMT
Chloride	ND	61	mg/Kg	20	6/29/2021 1:03:18 PM	60959
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analy	st: BRM
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
EPA METHOD 8015D: GASOLINE RANGE					Analy	st: mb
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
EPA METHOD 8021B: VOLATILES					Analy	st: mb
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.

Qualifiers:

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

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

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Lab Order: **2106B21**Date Reported: **7/1/2021**

Hall Environmental Analysis Laboratory, Inc.

2106B21

Lab Order:

CLIENT: GHD

Project: Pan Am AIZ Federal #1

Lab ID: 2106B21-006 **Collection Date:** 6/18/2021 10:30:00 AM

Client Sample ID: BH-10A Matrix: SOIL

Client Sample ID: BH-10A	Matrix: SUIL						
Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch ID	
EPA METHOD 300.0: ANIONS					Anal	yst: JMT	
Chloride	ND	60	mg/Kg	20	6/29/2021 1:15:42 P	M 60959	
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Anal	yst: BRM	
Diesel Range Organics (DRO)	29	9.8	mg/Kg	1	6/27/2021 6:01:09 A	M 60900	
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/27/2021 6:01:09 A	M 60900	
Surr: DNOP	74.5	70-130	%Rec	1	6/27/2021 6:01:09 A	M 60900	
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: mb	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/29/2021 3:57:00 P	M 60884	
Surr: BFB	89.2	70-130	%Rec	1	6/29/2021 3:57:00 P	M 60884	
EPA METHOD 8021B: VOLATILES					Anal	yst: mb	
Benzene	ND	0.025	mg/Kg	1	6/29/2021 3:57:00 P	M 60884	
Toluene	ND	0.049	mg/Kg	1	6/29/2021 3:57:00 P	M 60884	
Ethylbenzene	ND	0.049	mg/Kg	1	6/29/2021 3:57:00 P	M 60884	
Xylenes, Total	ND	0.099	mg/Kg	1	6/29/2021 3:57:00 P	M 60884	
Surr: 4-Bromofluorobenzene	89.2	70-130	%Rec	1	6/29/2021 3:57:00 P	M 60884	

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

Qualifiers:

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

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

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Lab Order: **2106B21**Date Reported: **7/1/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106B21

Project: Pan Am AIZ Federal #1

Lab ID: 2106B21-007 **Collection Date:** 6/18/2021 10:35:00 AM

Client Sample ID: BH-11A Matrix: SOIL

Analyses	Result	RL Qua	l Units	DF	Date Analyzed B	atch ID	
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ	
Chloride	ND	60	mg/Kg	20	6/29/2021 1:28:07 PM	60959	
EPA METHOD 8015M/D: DIESEL RANGE ORG				Analyst	BRM		
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	
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb	
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	
EPA METHOD 8021B: VOLATILES					Analyst: mb		
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
EPA METHOD 300.0: ANIONS					Ana	lyst: JMT
Chloride	ND	60	mg/Kg	20	6/29/2021 1:40:31 F	PM 60959
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Ana	lyst: BRM
Diesel Range Organics (DRO)	38	10	mg/Kg	1	6/27/2021 7:13:59 A	AM 60900
Motor Oil Range Organics (MRO)	130	50	mg/Kg	1	6/27/2021 7:13:59 A	AM 60900
Surr: DNOP	79.6	70-130	%Rec	1	6/27/2021 7:13:59 A	AM 60900
EPA METHOD 8015D: GASOLINE RANGE					Ana	lyst: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/29/2021 5:36:00 F	PM 60884
Surr: BFB	89.3	70-130	%Rec	1	6/29/2021 5:36:00 F	PM 60884
EPA METHOD 8021B: VOLATILES					Analyst: mb	
Benzene	ND	0.024	mg/Kg	1	6/29/2021 5:36:00 F	PM 60884
Toluene	ND	0.049	mg/Kg	1	6/29/2021 5:36:00 F	PM 60884
Ethylbenzene	ND	0.049	mg/Kg	1	6/29/2021 5:36:00 F	PM 60884
Xylenes, Total	ND	0.098	mg/Kg	1	6/29/2021 5:36:00 F	PM 60884
Surr: 4-Bromofluorobenzene	88.9	70-130	%Rec	1	6/29/2021 5:36:00 F	PM 60884

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

Qualifiers:

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

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

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Lab Order: **2106B21**Date Reported: **7/1/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Lab Order: 2106B21

Project: Pan Am AIZ Federal #1

Lab ID: 2106B21-009 **Collection Date:** 6/18/2021 11:00:00 AM

Client Sample ID: SW-1A Matrix: SOIL

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

Qualifiers:

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

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

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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

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 B	atch ID
EPA METHOD 300.0: ANIONS						Analys	t: JMT
Chloride	ND	60		mg/Kg	20	6/29/2021 2:05:20 PM	60959
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analys	t: BRM
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
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: mb
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
EPA METHOD 8021B: VOLATILES						Analys	t: mb
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
EPA METHOD 300.0: ANIONS						Anal	yst: JMT
Chloride	ND	60		mg/Kg	20	6/29/2021 2:17:44 P	M 60959
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Anal	yst: BRM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/27/2021 8:26:49 A	M 60900
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/27/2021 8:26:49 A	M 60900
Surr: DNOP	56.1	70-130	S	%Rec	1	6/27/2021 8:26:49 A	M 60900
EPA METHOD 8015D: GASOLINE RANGE						Anal	yst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/29/2021 6:35:00 P	M 60884
Surr: BFB	92.5	70-130		%Rec	1	6/29/2021 6:35:00 P	M 60884
EPA METHOD 8021B: VOLATILES						Anal	yst: mb
Benzene	ND	0.025		mg/Kg	1	6/29/2021 6:35:00 P	M 60884
Toluene	ND	0.049		mg/Kg	1	6/29/2021 6:35:00 P	M 60884
Ethylbenzene	ND	0.049		mg/Kg	1	6/29/2021 6:35:00 P	M 60884
Xylenes, Total	ND	0.099		mg/Kg	1	6/29/2021 6:35:00 P	M 60884
Surr: 4-Bromofluorobenzene	91.2	70-130		%Rec	1	6/29/2021 6:35:00 P	M 60884

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

Qualifiers:

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

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

Page 7 of 13

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.

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

2106B21 01-Jul-21

WO#:

Client: GHD

Project: Pan Am AIZ Federal #1

Sample ID: MB-60954 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 60954 RunNo: 79396

Prep Date: 6/27/2021 Analysis Date: 6/27/2021 SeqNo: 2790557 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-60954 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 60954 RunNo: 79396

Prep Date: 6/27/2021 Analysis Date: 6/27/2021 SeqNo: 2790558 Units: mg/Kg

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: MB-60959 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **60959** RunNo: **79432**

Prep Date: 6/28/2021 Analysis Date: 6/28/2021 SeqNo: 2792330 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-60959 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 60959 RunNo: 79432

Prep Date: 6/28/2021 Analysis Date: 6/28/2021 SeqNo: 2792332 Units: mg/Kg

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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2106B21** *01-Jul-21*

Client: GHD

Project: Pan Am AIZ Federal #1

Sample ID: LCS-60867 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60867 RunNo: 79325

Prep Date: 6/23/2021 Analysis Date: 6/24/2021 SegNo: 2787407 Units: %Rec

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: MB-60867 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 60867 RunNo: 79325

Prep Date: 6/23/2021 Analysis Date: 6/24/2021 SeqNo: 2787409 Units: %Rec

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: LCS-60876 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60876 RunNo: 79325

Prep Date: 6/23/2021 Analysis Date: 6/25/2021 SeqNo: 2789216 Units: %Rec

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: MB-60876 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: **PBS** Batch ID: **60876** RunNo: **79325**

Prep Date: 6/23/2021 Analysis Date: 6/25/2021 SeqNo: 2789218 Units: %Rec

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: MB-60915 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 60915 RunNo: 79325

Prep Date: 6/24/2021 Analysis Date: 6/26/2021 SeqNo: 2789501 Units: %Rec

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: MB-60900 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 60900 RunNo: 79325

Prep Date: 6/24/2021 Analysis Date: 6/26/2021 SeqNo: 2789502 Units: mg/Kg

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

Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

2106B21 01-Jul-21

WO#:

Client: GHD

Project: Pan Am AIZ Federal #1

Sample ID: LCS-60915 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60915 RunNo: 79325

Prep Date: 6/24/2021 Analysis Date: 6/26/2021 SeqNo: 2789503 Units: %Rec

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: LCS-60900 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60900 RunNo: 79325

Prep Date: 6/24/2021 Analysis Date: 6/26/2021 SeqNo: 2789504 Units: mg/Kg

%REC %RPD Result PQL SPK value SPK Ref Val LowLimit HighLimit **RPDLimit** Qual Diesel Range Organics (DRO) 51 10 50.00 103 68.9 141

Surr: DNOP 4.3 5.000 85.2 70 130

Sample ID: 2106B21-001AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: BH-2A Batch ID: 60900 RunNo: 79325

Prep Date: 6/24/2021 Analysis Date: 6/27/2021 SeqNo: 2789505 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 66 47.00 39.8 15 Diesel Range Organics (DRO) 9.3 46.69 184

 Surr: DNOP
 3.4
 4.669
 72.5
 70
 130

Sample ID: 2106B21-001AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: BH-2A Batch ID: 60900 RunNo: 79325

Prep Date: 6/24/2021 Analysis Date: 6/27/2021 SeqNo: 2789506 Units: mg/Kg

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 n 0

Sample ID: LCS-60942 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 60942 RunNo: 79325

Prep Date: 6/26/2021 Analysis Date: 6/27/2021 SeqNo: 2789806 Units: %Rec

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: MB-60942 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 60942 RunNo: 79325

Prep Date: 6/26/2021 Analysis Date: 6/27/2021 SeqNo: 2789807 Units: %Rec

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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2106B21** *01-Jul-21*

Client: GHD

Project: Pan Am AIZ Federal #1

Sample ID: mb-60884 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **60884** RunNo: **79458**

Prep Date: 6/23/2021 Analysis Date: 6/29/2021 SeqNo: 2793253 Units: mq/Kq

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: mb-60919 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **60919** RunNo: **79458**

Prep Date: 6/24/2021 Analysis Date: 6/29/2021 SegNo: 2793254 Units: %Rec

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

Surr: BFB 900 1000 90.1 70 130

Sample ID: Ics-60884 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 60884 RunNo: 79458

Prep Date: 6/23/2021 Analysis Date: 6/29/2021 SeqNo: 2793255 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 25 101 5.0 25.00 n 78.6 131 Gasoline Range Organics (GRO) Surr: BFB 1000 1000 100 70 130

Sample ID: Ics-60919 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 60919 RunNo: 79458

Prep Date: 6/24/2021 Analysis Date: 6/29/2021 SeqNo: 2793256 Units: %Rec

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

Surr: BFB 1000 1000 104 70 130

Sample ID: 2106B21-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: **BH-2A** Batch ID: **60884** RunNo: **79458**

Prep Date: 6/23/2021 Analysis Date: 6/29/2021 SeqNo: 2793257 Units: mg/Kg

PQL SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result SPK value LowLimit Qual Gasoline Range Organics (GRO) 25 4.9 n 100 61.3 24.68 114

Surr: BFB 1000 987.2 105 70 130

Sample ID: 2106B21-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: **BH-2A** Batch ID: **60884** RunNo: **79458**

Prep Date: 6/23/2021 Analysis Date: 6/29/2021 SeqNo: 2793259 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 61.3 20 25 4.9 24.63 0 102 114 1.46

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

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Hall Environmental Analysis Laboratory, Inc.

0.91

01-Jul-21

2106B21

WO#:

Client: GHD

Surr: 4-Bromofluorobenzene

Project: Pan Am AIZ Federal #1

Sample ID: mb-60884 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 60884 RunNo: 79458 Analysis Date: 6/29/2021 SeqNo: 2793305 Prep Date: 6/23/2021 Units: mq/Kq SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit 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: mb-60919 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 60919 RunNo: 79458 Prep Date: Analysis Date: 6/29/2021 6/24/2021 SeqNo: 2793306 Units: %Rec SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

91.1

70

130

1.000

Sample ID: Ics-60884 TestCode: EPA Method 8021B: Volatiles SampType: LCS Client ID: LCSS Batch ID: 60884 RunNo: 79458 Prep Date: 6/23/2021 Analysis Date: 6/29/2021 SeqNo: 2793307 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Result PQL LowLimit HighLimit Qual Analyte 1.0 0.025 1.000 0 101 80 120 Renzene Toluene 1.0 0.050 1.000 0 102 80 120 0.050 0 103 80 120 Ethylbenzene 1 0 1.000 Xylenes, Total 3.1 0.10 3.000 0 104 80 120 1.000 90.7 Surr: 4-Bromofluorobenzene 0.91 70 130

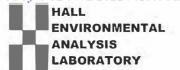
Sample ID: Ics-60919 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 60919 RunNo: 79458 Prep Date: 6/24/2021 Analysis Date: 6/29/2021 SeqNo: 2793308 Units: %Rec POL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual 1.000 Surr: 4-Bromofluorobenzene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

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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 Na	ame: GHD		Work Order Number:	210	6B21			RcptNo: 1	
Received	l By: Juan Roja	S	6/22/2021 7:30:00 AM			Liams	N. S.		
Complete			6/22/2021 8:08:04 AM			Chenl			
Reviewe						Lyone			
Chain o	of Custody								
1. Is Cha	ain of Custody compl	lete?		Yes	V	No		Not Present L	
2. How v	vas the sample delive	ered?		Cou	rier				
Log In						40.4		- 1	
3. Was a	in attempt made to c	ool the samples?		Yes	V	No [NA 🗌	
4. Were	all samples received	at a temperature	of >0° C to 6.0°C	Yes	~	No [NA 🗆	
5. Samp	le(s) in proper contai	iner(s)?		Yes	V	No [
6. Sufficie	ent sample volume fo	or indicated test(s)?	Yes	V	No [
7. Are sa	mples (except VOA	and ONG) proper	y preserved?	Yes	V	No [
8. Was p	reservative added to	bottles?		Yes		No 🛚	V	NA 🗆	1
9. Receiv	ved at least 1 vial with	h headspace <1/4	" for AQ VOA?	Yes		No [NA 🗹	
10. Were	any sample containe	ers received broke	en?	Yes		No 8	✓	# of preserved	
	paperwork match bot discrepancies on cha			Yes	V	No [/	nless noted)
12. Are ma	atrices correctly iden	tified on Chain of	Custody?	Yes	V	No [Adjusted?	
	ear what analyses we			Yes		No [/	1 0 (7)
	all holding times able notify customer for a			Yes	✓	No [Checked by: T.C.	6.21.21
Special	Handling (if app	olicable)							
15. Was	client notified of all di	iscrepancies with	this order?	Yes		No [NA 🗹	
	Person Notified:		Date:			75.5			
	By Whom:	1	Via: [eM	ail [Phone 1	Fax	☐ In Person	
	Regarding:								
	Client Instructions:								
16. Addit	tional remarks:								
	er Information		all makes						
Co	ooler No Temp °C		eal Intact Seal No S	Seal D	ate	Signed B	Зу		
2	0.4 1.2	Good Good							
_	1.2	5000							

Client:		of-Cu	ustody Record	Project Nam	l □ Rush e:	5-do,	HALL ENVIRONMENT ANALYSIS LABORATO www.hallenvironmental.com														
Mailing	Address			Pan Am AIZ Robert #1				4901 Hawkins NE - Albuquerque, NM 87109													
324 W.	Main St.	Suite 10	8, Artesia NM 88210	Project #:	700 7 (-)5-34							-4107				
Phone	#:	(505)37	7-4218	11	22.8315										Req	State of the		-			
email o	r Fax#:	Becky.H	askell@ghd.com	Project Mana			A	(6)					SO ₄			nt)	8				
QA/QC	Package: idard		☐ Level 4 (Full Validation)	Becky Haske Tom Larson	ell		TMB's (80274)	O / MR	PCB's		8270SIMS		PO ₄ ,			esq¥/du	Lec) 3				
Accred		☐ Az Co☐ Other	ompliance	Sampler: Zach Comino On Ice: X Yes No			307.DF	Pesticides/8082	504.1)	ō	S	3, NO ₂ ,		JA)	(Preser	ME					
□ EDD	(Type)			# of Coolers:			MTBE	OGF	icide	pou	310	letal	N O	7)-ic	Dr.m.					
Date	Time	Matrix	Sample Name	Cooler Temp Container Type and #	Preservative Type	1.4-0.7=1.2 HEAL NO. 2106B21	RTEX / M	TPH:8015D(GRO7DRO7MR3)	8081 Pest	EDB (Method	PAHs by 8310	RCRA 8 Metals	CI, F, Br, NO ₃ ,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Ch owiche				
061821	1000	S	BH-ZA			601	$ \infty $	×									X				
1	1005	1	BH-3A			002	1	1									1				
	1010		13H-4A			003															
	1015		BH-84			004															
	1010		13H-9A			005															
	1030		BH-10A			CO6															
	1035		DH-11A			007															
	1040		13H-13A			008															
	1100		SW-jA			009															
	illo		SW-2A			010															
T	1115	P	SW-3A			Oli	V	¥									9				
Date:	Time: Time:	Relinquish Relinquish	Lanjus SA-	Received by:	Via: Via:	Date Time U 21 800 Date Time 6 72 7 3	'				ghd) B	l.com ecky	n; Za Ha:	ach.C skell	Comi liste	ino@		.com	ources : Alor		

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109



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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order: **2107466**Date Reported: **7/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland Lab Order: 2107466

Project: Pan Am AIZ Federal 1

Lab ID: 2107466-001 **Collection Date:** 7/9/2021 8:50:00 AM

Client Sample ID: BH-2B Matrix: SOIL

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS					Analy	st: VP
Chloride	ND	60	mg/Kg	20	7/13/2021 1:43:30 PM	1 61256
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analy	st: SB
Diesel Range Organics (DRO)	19	8.0	mg/Kg	1	7/13/2021 11:05:52 A	M 61233
Motor Oil Range Organics (MRO)	ND	40	mg/Kg	1	7/13/2021 11:05:52 A	M 61233
Surr: DNOP	93.2	70-130	%Rec	1	7/13/2021 11:05:52 A	M 61233
EPA METHOD 8015D: GASOLINE RANGE					Analy	st: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/13/2021 1:45:00 AM	1 61227
Surr: BFB	118	70-130	%Rec	1	7/13/2021 1:45:00 AM	1 61227
EPA METHOD 8021B: VOLATILES					Analy	st: mb
Benzene	ND	0.024	mg/Kg	1	7/13/2021 1:45:00 AM	1 61227
Toluene	ND	0.049	mg/Kg	1	7/13/2021 1:45:00 AN	1 61227
Ethylbenzene	ND	0.049	mg/Kg	1	7/13/2021 1:45:00 AN	1 61227
Xylenes, Total	ND	0.098	mg/Kg	1	7/13/2021 1:45:00 AN	1 61227
Surr: 4-Bromofluorobenzene	117	70-130	%Rec	1	7/13/2021 1:45:00 AM	1 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 1	ID
EPA METHOD 300.0: ANIONS					An	alyst: VP	
Chloride	ND	60	mg/Kg	20	7/13/2021 1:55:54	PM 612	56
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				An	alyst: SB	
Diesel Range Organics (DRO)	18	8.5	mg/Kg	1	7/13/2021 11:29:4	2 AM 612	33
Motor Oil Range Organics (MRO)	44	42	mg/Kg	1	7/13/2021 11:29:4	2 AM 612	33
Surr: DNOP	118	70-130	%Rec	1	7/13/2021 11:29:4	2 AM 612	33
EPA METHOD 8015D: GASOLINE RANGE					An	alyst: mb	1
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/13/2021 2:05:00	AM 612	27
Surr: BFB	111	70-130	%Rec	1	7/13/2021 2:05:00	AM 612	27
EPA METHOD 8021B: VOLATILES					An	alyst: mb	1
Benzene	ND	0.025	mg/Kg	1	7/13/2021 2:05:00	AM 612	27
Toluene	ND	0.050	mg/Kg	1	7/13/2021 2:05:00	AM 612	27
Ethylbenzene	ND	0.050	mg/Kg	1	7/13/2021 2:05:00	AM 612	27
Xylenes, Total	ND	0.099	mg/Kg	1	7/13/2021 2:05:00	AM 612	27
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	7/13/2021 2:05:00	AM 612	27

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

Qualifiers:

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

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

Page 1 of 8

Analytical Report

Lab Order: **2107466**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/15/2021

CLIENT: GHD Midland Lab Order: 2107466

Project: Pan Am AIZ Federal 1

Lab ID: 2107466-003 **Collection Date:** 7/9/2021 9:00:00 AM

Client Sample ID: BH-8B Matrix: SOIL

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

Qualifiers:

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

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

Page 2 of 8

CLIENT:

Analytical Report

Lab Order: **2107466**Date Reported: **7/15/2021**

Hall Environmental Analysis Laboratory, Inc.

Lab Order: 2107466

Project: Pan Am AIZ Federal 1

GHD Midland

Lab ID: 2107466-004 **Collection Date:** 7/9/2021 9:05:00 AM

Client Sample ID: BH-9B Matrix: SOIL

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed 1	Batch ID
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	ND	60	mg/Kg	20	7/13/2021 2:20:43 PM	61256
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	st: SB
Diesel Range Organics (DRO)	83	8.3	mg/Kg	1	7/13/2021 12:41:15 P	M 61233
Motor Oil Range Organics (MRO)	150	42	mg/Kg	1	7/13/2021 12:41:15 P	M 61233
Surr: DNOP	124	70-130	%Rec	1	7/13/2021 12:41:15 P	M 61233
EPA METHOD 8015D: GASOLINE RANGE					Analys	st: mb
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
EPA METHOD 8021B: VOLATILES					Analys	st: mb
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 Q	ual Units	DF	Date Analyzed B	atch ID
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	7/13/2021 3:35:09 PM	61263
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
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
EPA METHOD 8021B: VOLATILES					Analyst	: mb
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.

Qualifiers:

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

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

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Analytical Report

Lab Order: 2107466

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/15/2021

CLIENT: GHD Midland Lab Order: 2107466

Project: Pan Am AIZ Federal 1

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2107466**

15-Jul-21

Client: GHD Midland

Project: Pan Am AIZ Federal 1

Sample ID: MB-61256 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 61256 RunNo: 79769

Prep Date: 7/13/2021 Analysis Date: 7/13/2021 SeqNo: 2806149 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-61256 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 61256 RunNo: 79769

Prep Date: 7/13/2021 Analysis Date: 7/13/2021 SeqNo: 2806150 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 91.7 90 110

Sample ID: MB-61263 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 61263 RunNo: 79769

Prep Date: 7/13/2021 Analysis Date: 7/13/2021 SeqNo: 2806180 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-61263 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 61263 RunNo: 79769

Prep Date: 7/13/2021 Analysis Date: 7/13/2021 SeqNo: 2806181 Units: mg/Kg

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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2107466**

15-Jul-21

Client: GHD Midland

Project: Pan Am AIZ Federal 1

Sample ID: MB-61233 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 61233 RunNo: 79756

Prep Date: 7/12/2021 Analysis Date: 7/13/2021 SeqNo: 2806322 Units: mg/Kg

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

Diesel Range Organics (DRO) ND 10
Motor Oil Range Organics (MRO) ND 50

 Surr: DNOP
 11
 10.00
 114
 70
 130

Sample ID: LCS-61233 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 61233 RunNo: 79756

5.6

Prep Date: 7/12/2021 Analysis Date: 7/13/2021 SeqNo: 2806323 Units: mg/Kg

5.000

SPK value SPK Ref Val %REC Analyte PQL LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 46 10 50.00 92.9 68.9 141

111

70

130

Qualifiers:

Surr: DNOP

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2107466**

15-Jul-21

Client: GHD Midland

Project: Pan Am AIZ Federal 1

Sample ID: mb-61227 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 61227 RunNo: 79725

Prep Date: 7/10/2021 Analysis Date: 7/12/2021 SeqNo: 2804718 Units: mg/Kg

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

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1100 1000 115 70 130

Sample ID: Ics-61227 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 61227 RunNo: 79725

1300

Prep Date: 7/10/2021 Analysis Date: 7/12/2021 SeqNo: 2804719 Units: mg/Kg

1000

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 22 Gasoline Range Organics (GRO) 5.0 25.00 0 88.7 78.6 131

127

70

130

Qualifiers:

Surr: BFB

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

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

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Hall Environmental Analysis Laboratory, Inc.

1.2

WO#: 2107466 15-Jul-21

Client: GHD Midland

Project: Pan Am AIZ Federal 1

Sample ID: mb-61227	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles
---------------------	-----------------------	---------------------------------------

Client ID: PBS Batch ID: 61227 RunNo: 79725

Prep Date: 7/10/2021 Analysis Date: 7/12/2021 SeqNo: 2804759 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								

ND Xylenes, Total 0.10

1.000 114 70 130 Surr: 4-Bromofluorobenzene 1.1

1.000

Sample ID: Ics-61227	Samp1	ype: LC	s	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batc	h ID: 61 :	227	RunNo: 79725						
Prep Date: 7/10/2021	Analysis [Date: 7/	12/2021	5	SeqNo: 2	804760	Units: mg/K	(g		
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			

116

70

130

Qualifiers:

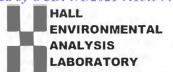
- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

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

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Hall Environmental Analysis Laboratory 4901 Hawkins NI: 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 Numb	er: 210	7466		RcptNo: 1
Received By:	Cheyenne Cason	7/10/2021 8:00:00 /	AM		Chul	
Completed By:	Cheyenne Cason	7/10/2021 8:35:34 A	AM		Chenl	
Reviewed By:	(m 07/10/2021					
Chain of Cus	tody					
1. Is Chain of Cu	ustody complete?		Yes		No 🗌	Not Present
2. How was the	sample delivered?		Cou	rier		
I as In						
Log In 3 Was an attem	pt made to cool the sample	es?	Yes	V	No 🗌	NA 🗌
o. Was an allon	primade to coor the sample		100			
4. Were all samp	oles received at a tempera	ture of >0° C to 6.0°C	Yes	V	No 🗌	NA 🗆
5. Sample(s) in p	proper container(s)?		Yes	V	No 🗌	
6. Sufficient sam	ple volume for indicated te	est(s)?	Yes	V	No 🗆	
7. Are samples (e	except VOA and ONG) pro	pperly preserved?	Yes	V	No 🗌	
8. Was preservat	tive added to bottles?		Yes		No 🗹	NA 🗌
9. Received at le	ast 1 vial with headspace	<1/4" for AQ VOA?	Yes		No 🗌	NA 🗹
10. Were any sam	nple containers received b	roken?	Yes		No 🗸	# of preserved
						bottles checked
	ork match bottle labels? ancies on chain of custody	1	Yes		No 🗀	for pH: (<2 or >12 unless noted)
	correctly identified on Chair		Yes	V	No 🗌	Adjusted?
	analyses were requested		Yes	V	No 🗌	
14. Were all holdir	ng times able to be met?		Yes	V	No \square	Checked by: (2 7/10/9
(If no, notify cu	ustomer for authorization.)					
Special Handl	ing (if applicable)					
15. Was client no	tified of all discrepancies v	with this order?	Yes		No 🗌	NA 🗹
Person	Notified:	Date		-		
By Who		Via:	eM	ail 🗌	Phone Fax	In Person
Regardi						
Client Ir	nstructions:					
16. Additional ren	marks:					
17. Cooler Infor	mation					
Cooler No	The second secon	Seal Intact Seal No	Seal D	ate	Signed By	
1	0.5 Good					

Page 1 of 1

Client:			istody Record	□ Standard Project Nam Pan Am		3 Day		40	01 4	A	www	AL w.ha	YS	rironr	L	AE	3OI	RA	TO		•
324 W		Suite 10 (505)377	8, Artesia NM 88210 7-4218	Project #:	228315	5			el. 50			975	F	ax	505-		M 87 -4107			1	
email c	or Fax#: Package:		askell@ghd.com □ Level 4 (Full Validation)	Project Mana Becky Haske Tom Larson			TMB's (8021)	O / MRO)	PCB's		8270SIMS		PO ₄ , SO ₄			-	300				
□ NEL	itation: AC (Type)	☐ Az Co	mpliance	Sampler: On Ice: # of Coolers: Cooler Temp		0 No S-020.6	MTBE/ TMB	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	5	. 8 Metals	Br, NO ₃ , NO ₂ ,	(A)	mi-VOA)	Total Coliform (Present/Absent)	de Method				
Date	Time	Matrix ≤⊳} (Sample Name	Container Type and #	Preservative Type	HEAL No. 207466	X BTEX / N		8081 Pes	EDB (Me	PAHs by 8310	RCRA 8	Cl, F, Br,	8260 (VOA)	8270 (Semi-VOA)	Total Coli	X Chloride				
7/9/21	855	2011	BH-2B BH-3B	1	N/A	001	X	X		-							X	+	+		+
1	900		BH-8B			00Z 003	X	X									X		+	+	+
	905		BH- 9B			004	×	X									x				
*	910	火	BH-13B	×	X	005	7	X									×				
																		-			
							-											+		+	+
																		1			
Date: -1/9/21 Date: -1/9/21	Time: 1640 Time: 1900	Relinquish Relinquish	orth Boyd	Received by:	Via: 8	Date Time $7/9/2/1640$ Date Time					ghd B	l.con ecky	n; Za / Has	ach.C skell	Comi liste	ino@ d ab	ghd.	com	urces. : Alon		

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109



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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andy

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
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	7/26/2021 10:02:53 PM	61562
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: CLP
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
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
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
EPA METHOD 8021B: VOLATILES					Analyst	: mb
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- 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

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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
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	ND	60		mg/Kg	20	7/26/2021 11:04:58 PM	61562
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	: CLP
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
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: mb
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
EPA METHOD 8021B: VOLATILES						Analyst	: mb
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.

Qualifiers:

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

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

Page 2 of 6

Hall Environmental Analysis Laboratory, Inc.

2107A90 27-Jul-21

WO#:

Client: GHD Midland

Project: Pan AM AIZ Federal 1

Sample ID: MB-61562 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 61562 RunNo: 80053

Prep Date: 7/26/2021 Analysis Date: 7/26/2021 SeqNo: 2818288 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-61562 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 61562 RunNo: 80053

Prep Date: 7/26/2021 Analysis Date: 7/26/2021 SeqNo: 2818289 Units: mg/Kg

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.
- 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 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107A90 27-Jul-21**

Client: GHD Midland

Project: Pan AM AIZ Federal 1

Sample ID: MB-61500 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: **PBS** Batch ID: **61500** RunNo: **80042**

Prep Date: 7/22/2021 Analysis Date: 7/23/2021 SeqNo: 2816425 Units: mg/Kg

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

Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 9.8 10.00 97.7 70 130

Sample ID: LCS-61500 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 61500 RunNo: 80042

Prep Date: 7/22/2021 Analysis Date: 7/23/2021 SeqNo: 2816426 Units: mg/Kg

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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2107A90 27-Jul-21**

Client: GHD Midland

Project: Pan AM AIZ Federal 1

Sample ID: mb-61491 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **61491** RunNo: **80029**

Prep Date: 7/22/2021 Analysis Date: 7/23/2021 SeqNo: 2818753 Units: %Rec

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

Surr: BFB 1200 1000 120 70 130

Sample ID: mb-61496 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 61496 RunNo: 80029

Prep Date: 7/22/2021 Analysis Date: 7/24/2021 SeqNo: 2818754 Units: mg/Kg

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

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1100 1000 113 70 130

Sample ID: Ics-61491 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 61491 RunNo: 80029

Prep Date: 7/22/2021 Analysis Date: 7/23/2021 SeqNo: 2818755 Units: %Rec

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

Surr: BFB 1300 1000 127 70 130

Sample ID: Ics-61496 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 61496 RunNo: 80029

Prep Date: 7/22/2021 Analysis Date: 7/24/2021 SeqNo: 2818757 Units: mq/Kq

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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107A90

27-Jul-21

Client: GHD Midland

Project: Pan AM AIZ Federal 1

Sample ID: mb-61491 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 61491 RunNo: 80029

Prep Date: 7/22/2021 Analysis Date: 7/23/2021 SeqNo: 2818955 Units: %Rec

SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result %REC LowLimit HighLimit Qual

Surr: 4-Bromofluorobenzene 1.2 1.000 118 70 130

Sample ID: mb-61496 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 61496 RunNo: 80029

Prep Date: 7/22/2021 Analysis Date: 7/24/2021 SeqNo: 2818956 Units: mg/Kg

SPK value SPK Ref Val %REC LowLimit **RPDLimit** Analyte Result PQL HighLimit %RPD Qual Benzene ND 0.025 ND 0.050

Toluene ND 0.050 Ethylbenzene Xylenes, Total ND 0.10

1.000 112 70 130 Surr: 4-Bromofluorobenzene 1 1

Sample ID: Ics-61491 TestCode: EPA Method 8021B: Volatiles SampType: LCS

Client ID: LCSS Batch ID: 61491 RunNo: 80029

Prep Date: 7/22/2021 Analysis Date: 7/23/2021 SeqNo: 2818957 Units: %Rec

SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit Qual

Surr: 4-Bromofluorobenzene 1.2 1.000 116 70 130

Sample ID: Ics-61496 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 61496 RunNo: 80029

Prep Date: 7/22/2021 Analysis Date: 7/24/2021 SeqNo: 2818959 Units: mg/Kg

LowLimit Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Analyte Benzene 0.93 0.025 1.000 0 92.6 80 120 0 0.93 0.050 1.000 93.0 80 120 Toluene 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

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 6 of 6



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquergue, 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 Sulgot Received By: 7/22/2021 7:30:00 AM Juan Rojas Completed By: Sean Livingston 7/22/2021 7:58:49 AM Reviewed By: JR7/22/21 Chain of Custody Not Present Yes 🗸 1. Is Chain of Custody complete? 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? Yes V No NA 🗌 No 🗌 NA 🗌 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 🗸 No 🗌 Yes V 5. Sample(s) in proper container(s)? Yes 🗸 No 🗌 6. Sufficient sample volume for indicated test(s)? Yes V No 🗌 7. Are samples (except VOA and ONG) properly preserved? Yes No V 8. Was preservative added to bottles? No 🗌 NA 🗸 Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No 🔽 10. Were any sample containers received broken? # of preserved bottles checked for pH: Yes 🗸 No . 11. Does paperwork match bottle labels? (<2 of >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 🗌 12. Are matrices correctly identified on Chain of Custody? Yes V Yes 🗸 No 🗌 Checked by: SPA 7, 22,21 13 Is it clear what analyses were requested? No 🗌 14. Were all holding times able to be met? Yes 🗸 (If no, notify customer for authorization.) Special Handling (if applicable) Yes No [NA V 15. Was client notified of all discrepancies with this order? Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 5.5 Good 2 Good 1.4

C	hain	of-Cu	stody Record	Turn-Around	Time:								E1		/TE		DIDA	ENT	.	
Client:	GHD			□ Standard		3 Day												ATO		
				Project Name					أديمة		www	w.hal	llenv	ironi	ment	tal.co	om			
Mailing	Address	:		Pan A	M AIZ	Federal # 1		49	01 H	lawk	ins N	NE -	Alb	uqu	erqu	e, N	M 8710)9		
324 W.	Main St.	. Suite 10	8, Artesia NM 88210	Project #:	> - & > 1)5-34		975	F	ах	505-	345	-4107			
Phone		(505)377			22 831	>						A		sis	Req	uest		-		
email o	r Fax#:	Becky.H	askell@ghd.com	Project Mana	ager:		E	õ					SO4			ent)				
QA/QC	Package:			Becky Haske	ell		's (8021)	M	PCB's		MS		PO4, \$			\bse	0			
□ Star	ndard		☐ Level 4 (Full Validation)	Tom Larson			3's (30			8270SIMS		, PC			nt/F	300			
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□ NEL		□ Other		On Ice:	X Yes	□ No	-	88	es/8	207	o o	<u>s</u>	3,		Q	P)	Metical			
	(Type)			# of Coolers:	2	6-0-1=5.5	E E) D(C	icid	hod	331(/leta	N	8	ni-V	orm	M	1 1		
Date	Time	Matrix	Sample Name	Container	Preservative Type	1.5.0.1=1.4	BTEX / MTBE	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method	PAHs by 8310 or	RCRA 8 Metals	CI, F, Br, NO ₃ ,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride			
7	1015		BH-8	Ja- 402 1	NA	001	×	K									X			
	110'00	5	BH-9	15		002	x	x									×			
	per.	ample	100+11- 12 7/22/21							, 1										
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Date:	Time: 900	Relinquish	ed by:	Received by:	Via:	Pate Time 900)ghd	l.con	n; Za	ach.(Com	ino@	ghd.co	source om: Alc		
Date:	Time:	Relinquish		Received by:	/ Via:	Date Time						-					ove. Settle			
14/21	1900	(Cu	grun	MA	10urier	7/22/4 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.

Appendix D Waste Manifests

<u>District I</u> 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
1. Generator Name and Address:
EOG Resources, Inc. 104 South Fourth Street, Artesia, NM 88210
2. Originating Site:
Pan Am Pardue ALZ Federal I
3. Location of Material (Street Address, City, State or ULSTR): Section 27-T21S-R24E, Eddy County, NM
4. Source and Description of Waste: 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 yd3/bbls Known Volume (to be entered by the operator at the end of the haul) yd3/bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS Tina Fluerta Tina Huerta, 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 1986 regulatory determination, the above described waste is: (Check the appropriate classification)
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. Monthly Weekly: Per Load
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous be 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. (Chec the appropriate items)
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)
GENERATOR1 9.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
I
5. Transporter: BDS
OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: 1.ca 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
Vaste Acceptance Status:
☐ DENIED (Must Be Maintained As Permanent Record)
RINT NAME: Shelles Denta TITLE: Manage DATE: 5-2621
SIGNATURE:

Received by OCD: 9/1/2021 9:15:54 AM

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

Revised August 1, 2011 *Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

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Form C-138

1220 South St. Francis Dr. Santa Fe, NM 87505

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE
1. Generator Name and Address: EOG Resources, Inc. – 104 S 4 th Street, Artesia NM 88210
Originating Site: Pan Am Pardue AIZ Federal 001
3. Location of Material (Street Address, City, State or ULSTR): N-27-21S-24E Eddy County
4. Source and Description of Waste: Impacted Soil - Oil
EOG Resources, Inc. authorizes Envirotech to complete the required testing and sign the Generator Waste Testing Certification.
Estimated Volume 250 yd³ / bbls Known Volume (to be entered by the operator at the end of the haul) yd³ / bbls 5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS
7/1/0/0
I, Lacev Granillo , 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)
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 Monthly □ Weekly □ Per Load
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)
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
I,
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.
5. Transporter: 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: DATE:
SIGNATURE: TELEPHONE NO.: Surface Waste Management Facility Authorized Agent

NON-HAZARDOUS WASTS THE SUBSPECT OF TRANSPORTER (1) SOMPANY NAME G. C.O.G. Resources PHONE NO. E. C.O.G. Resources PHONE NO. Artesia NM 88210 Artesia NM 88210 Artesia NM 88210 Artesia NM 88210 ARTESIA NO. 13pe QUANTITY WAVO. WAS NO. 13pe QUANTITY WAVO. WAS NO. 13pe QUANTITY WAVO. WAS NOT	ARDOUS WASTE MANIFEST NO 143568 1. PAGE OF 2. TRAILER NO. 1 COMMANDERS 105 South 4th St. CITY STATE Artesia NM 88210 48-1471 OR DESCRIPTION OF WASTE SHIPPED: 8. CONTAINERS NO. Type QUANTITY WUVOI. WASTE WASTE WASTE NO. Type QUANTITY WUVOI. WASTE WASTE WASTE NO. Type QUANTITY WUVOI. WASTE WASTE NO. Type QUANTITY WUVOI. WASTE WASTE NO. Type QUANTITY WUVOI. WASTE WASTE WASTE NO. Type QUANTITY WUVOI. WASTE WASTE PROFILE NO. TYPE QUANTITY WUVOI. WASTE WASTE PROFILE NO. TYPE QUANTITY WUVOI. WASTE PROFILE NO. TYPE QUANTITY WUVOI. WASTE WASTE PROFILE NO. TYPE QUANTITY WASTE PROFILE NO. T
SCOMPANY NAME E.O.G. Resources problem on R. CONTAINERS P.OTIAL P. NAME B.C. CONTAINERS P.OTIAL P. NAME B.C. ONTAINERS P.OTIAL P. NAME PROBLEM B.C. ONTAINERS P.OTIAL P. NAME PROBLEM B.C. ONTAINERS P. OLIVEROS B.C. ONTAINERS P. OTIAL P. NAME PROBLEM B.C. ONTAINERS P. OLIVEROS B.C. ONTAINERS B.C. ONTAINERS P. OLIVEROS B.C. ONTAINERS B.C. ONTAINERS P. OLIVEROS B.C. ONTAINERS B.C. ONTAIN	ANY NAME Resources 105 South 4th St. CITY STATE Resources 100 Artesia NM 88210 48-1471 Rescription of Waste Shipped: No. Type QUANTITY WUVol. 11. TEX WASTE WASTE WILL WITH STATE RESOURCES 100 Artesia NM 88210 Rescription of Waste Shipped: No. Type QUANTITY WUVol. 11. TEX WASTE WASTE WASTE WORD TO THE CONTACT PHONE NO 13. WASTE PROFILE NO. 14. ADDRESS 16. ATTRC 1.D. NO. 15. PICK-UP DATE 6/4/2021 6. TNRCC 1.D. NO. WASTE WAST
G C.O. Resources PHONE NO E CITY STATE LOS	Resources 10. 48-1471 DR DESCRIPTION OF WASTE SHIPPED: No. 1ype QUANTITY WOVOL WASTE Waste Waste 1 CM 13. WASTE PROFILE NO. 15. CONTACT PHONE NO 17. TRANSPORTER (1) 17. TRANSPORTER (2) NAME: 16. TNRCC I.D. NO. 6. TNRCC I.D. NO. 10. UNIT II. TEX WASTE PACHAGE 12. THOUR SET PROFILE NO. 13. WASTE PROFILE NO. 24-HOUR EMERGENCY NO. 25-HOUR EMERGENCY NO. 25-HOUR EMERGENCY NO. 26-HOUR EMERGENCY NO. 26-
TO MAKE PROTECTORY STATE Artesia NM 8271 RAME OR DESCRIPTION OF WASTE SHIPPED: No. 1 Type No.	Artesia NM 88210 Artesia NM 88210 R. CONTAINERS 9, TOTAL 10, UNIT 11. TEX WASTE DIAMATE. R. DESCRIPTION OF WASTE SHIPPED: IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO 24-HOUR EMERGENCY N VEROS 575-887-4048 ATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above be and are classified packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicate and regulations, including applicable state regulations, and are the same materials previously approved by LEA LA CHASE SETTLE TRANSPORTER (1) BDS ENTERPRISES 13. WASTE PROFILE NO. 24-HOUR EMERGENCY N 24-HOUR EMERGENCY N 24-HOUR EMERGENCY N SIGNATURE DAT TRANSPORTER (2) NAME:
E (575) 748-1471 7. NAME OR DESCRIPTION OF WASTE SHIPPED: 8. CONTAINERS 9. TOTAL 10. UNIT 11.7 No. Type QUANTITY WAVOL WASTE NO. THE WASTE	ARLESIA NM 88210 8. CONTAINERS 9. TOTAL 10. UNIT 11. TEX WORD DESCRIPTION OF WASTE SHIPPED: No. Type QUANTITY W/Vol. WASTE DIJECT OF THE PROPERTY OF SPILL OF THE PROPERTY OF SPILL NO. 13. WASTE PROFILE NO. 15. WASTE PROFILE NO. 16. WASTE PROFILE NO. 17. TRANSPORTER (2) NAME:
7. NAME OR DESCRIPTION OF WASTE SHIPPED: No. 1 type QUANTITY WOVOI WASTE NO. 1 the state of the sound of the same materials previously approved by LEAT TO MANE: 12. COMMENTS OR SPECIAL INSTRUCTIONS: A ALZ FED COM # 001 14. IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO 24-HOUR EMERGENCY OR SPILL, CONTACT NAME 15/6ENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above shying name and are classified packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable state regulations, and are the same materials previously approved by LEAT TRANSPORTER (1) 15. TRANSPORTER (1) 16. TRANSPORTER (1) 17. TRANSPORTER (2) NAME: DO O MAN: CHASE SETTLE T 16. TRANSPORTER (1) NAME: BDS ENTERPRISES TEXAS LD NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE Lea Land, LLC ADDRESS: Lea Land, LLC WM-01-035 - New Mexico ELDISPOSAL FACILITY'S CERTIFICATION: Hereby certify that the above decaded and accurately described and accurately de	DR DESCRIPTION OF WASTE SHIPPED: No. Type QUANTITY W/Vol. WASTE W/Vol. WASTE DIAMETER OF THE PROFILE NO. No. Type QUANTITY W/Vol. WASTE W/Vol. WASTE DIAMETER OF THE PROFILE NO. No. Type QUANTITY W/Vol. WASTE DIAMETER OF THE PROFILE NO. No. Type QUANTITY W/Vol. WASTE DIAMETER OF THE PROFILE NO. WASTE DIAMETER OF THE PROFILE NO. 13. WASTE PROFILE NO. 14. WASTE PROFILE NO. 15. WASTE PROFILE NO. 15. WASTE PROFILE NO. 16. WASTE PROFILE NO. 17. TRANSPORTER (2) NAME: No. Type QUANTITY W/Vol. WASTE DATE DIAMETER OF THE PROFICE NO. WASTE DATE DIAMETER OF THE PROFILE NO. 15. WASTE PROFILE NO. 16. WASTE PROFILE NO. 17. TRANSPORTER (2) NAME:
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DISPOSAL SITE: COPIES 2 & 3

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

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F	Lea Land, LLC	ADDRESS	Mile	Marker 64, U			PHONE:		87-4048
C	WM-01-035 - New Me			20. COMMENTS	- The		UTILE		
I I	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such	CATION: I H	lereby ce	rtify that the above	described	wastes wei	re delivered to	this facility	, that the
Y	TOR: COPIES I & 6	n 700	0.7	CELL NO.		DAT	E 3/4/2021	T	IME 40

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

G	3. COMPANY NAME E.O.G. Resources 4. ADDRESS 105 South 4th S	St.		5. I	PICK-UP DATE 1/9/2021	3	
E	PHONE NO. (575) 748-1471 CITY Artesia	STATE NM	882		NRCC I.D. NO).	
,	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXA WASTE II
1	Non-Regulated, Non Hazardous Waste		1	СМ			
	b. c.						
	wr: 21,32D						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: PAN AM PARDUE AIZ FEDERAL # 1				13. WASTE I	PROFILE N	IO.
	14. IN CASE OF EMERG	ENCY OR SPI	ILL, CO	NTACT			
	NAME PHONE NO JOE ONTIVEROS 575-887-404	8			24-HOUR	EMERGE	NCY NO.
	15.GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable sta	Il respects in proper	condition f	or transport	by highway ac	cording to a	pplicable
	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE	SIGNATURE					DATE
	16. TRANSPORTER (1)	17.	T	RANSPO	RTER (2)		
	NAME: CCI	NAME:					
	TEXAS I.D. NO.	TEXAS I.D. NO					
	IN CASE OF EMERGENCY CONTACT: LOIS GAVALLOON EMERGENCY PHONE: (432) 741-2509	IN CASE OF EN		Y CONTAC	.1:		
	18. TRANSPORTER (1): Acknowledgmen of computed material PRINTED/IYPED NAME	19. TRANSPO	ORTER			receipt of n	naterial
	SIGNATURE SIGNATURE DATE 8/9/2					DATE	
		e Marker 64, I Miles East of 0		•	PHONE:		37-4048
F		20. COMMENTS	Curiova	ug - 1171			
F A C I	WM-01-035 - New Mexico						
A	WM-01-035 - New Mexico 21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby	certify that the above	e described	l wastes wer	re delivered to t	his facility,	that the

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

G E	3. COMPANY NAME E.O.G. Resources	4 ADD	NO 145164 RESS outh 4th St.			c pr					
E	PHONE NO.	CITY	outh 4th St. State				R-UP DATE 1/2021 RCC I.D. NO				
	(575) 748-1471	Artesi	NM NM	882				T.D. NO. OTAL NTITY WVVol. ASTE PROFILE NO. A-HOUR EMERGENCE of the second s			
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:		8. COI No.	Type		9. TOTAL QUANTITY		11. TEX		
N	Non-Regulated, Non Hazardous Wast	e		1	СМ						
E	c.	_				+					
R	WT: 2(e. 840)										
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PAN AM PARDUE AIZ FEDERAL # 1					1	13. WASTE P	ROFILE N	O.		
			EMERGENCY OR SPI	LL, CO	NTAC	T					
T	JOE ONTIVEROS	PHON 575	E NO - 887-4048				24-HOUR	EMERGE	NCY NO.		
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled	and are in all respects in proper	condition :	for transp	port by	y highway acc	cording to a	pplicable		
R	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE		SIGNATURE						DATE		
T	16. TRAŅSPORTER (1)		17.	Т	RANS	POR	RTER (2)				
R A	NAME: CCI		NAME:								
N	TEXAS I.D. NO.		TEXAS I.D. NO.								
S P	IN CASE OF EMERGENCY CONTACT: LUIS	GAVA	LDON IN CASE OF EM	MERGENO	CY CON	TACT	:				
0	EMERGENCY PHONE: (432)	741-2	EMERGENCY P	PHONE:							
R T	18. TRANSPORTER (1): Acknowledgment	of receipt			(2): Ac	know	ledgment of r	eceipt of m	aterial		
E	PRINTED/RYSD NAME	W.	PRINTED/TYPE	ED NAME							
R S	SIGNATURE	DATE	8/9/2021 SIGNATURE	LO MAINIE			D	DATE			
			RESS:		_		PHONE:				
	Lea Land, LLC		Mile Marker 64, U	J.S. Hv	vy 62/	180		575-88	7-404		
D F I A		f Carlsbad, NM									
S C P I	DEDIVITATION OF THE PROPERTY O										
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		I: I Hereby certify that the above	e described	wastes	were (delivered to the	his facility,	that the		
LY	ACTHORIZED SIGNATURE	10	CELL NO.	_	D	ATE		TI	ME .		

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 Boxs

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NON	N-HAZARDOUS WASTE MANIF	TEST NO	1451	.65	1. PA	AGE	OF	2. TRAII		01	
G	3. COMPANY NAME E.O.G. Resources	4 ADDRESS 105 South	4th St.				5. PICK 8/9/	-UP DATE 2021			
	PHONE NO.	CITY	STA	TE		ZIP	6. TNR	CC I.D. NO).		
	(575) 748-1471	Artesia	Om	NM	882		2				
E	(3/3) /40- 4/	~ (€318		IAIAI	_		nol o	TOTAL	10 70 7	11 mp3(1.0	
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:			No.	NTAINE Typ		TOTAL JANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	Non-Regulated, Non Hazardous Wast	te			1	СМ					
	b.										
E	с.					-	+				
R	WT: 25,3/10										
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	:					13.	. WASTE P	ROFILE N	0.	
A	PAN AM PARDUE AIZ FEDERAL#1										
	14. IN CA	ASE OF EM	AERGENC'	V OR SPII	LL CO	NTAC	T				
	NAME	PHONE NO		ORBIT	DD, CO	11111		24-HOUR	EMERGE	NCY NO.	
T	JOE ONTIVEROS	575-88	7-4048								
o	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, ar international and national government regulations, in	nd labeled, and	are in all respe-	cts in proper c	ondition !	for trans	port by h	nighway acc	cording to a	pplicable	
	PRINTED/ГҮРЕD NAME		SIGN	ATURE						DATE	
R	CO. MAN: CHASE SETTLE										
T	16. TRANSPORTER (1)		17.		T	RANS	PORT	ER (2)			
R	NAME: CCI		NAI	ΛF·							
A	NAME: CCI		14711	·IL.							
N S	TEXAS I.D. NO.		TEX	AS I.D. NO.							
P	IN CASE OF EMERGENCY CONTACT: LUIS	GAVALDO	ON IN (CASE OF EM	ERGENO	CY CON	TACT:				
Ô	(422)	741-2509								- 1	
R	EMERGENCY PHONE:			ERGENCY PI		(2)					
T	18. TRANSPORTER (1): Acknowledgment			TRANSPO	KIEK	(2): A	cknowle	dgment of i	receipt of n	naterial	
E R	PRINTED/TYPED NAME/AIFERES C	c/4/10	PRI	NTED/TYPE	D NAME						
S	SIGNATURE ALEXA COLUND	DATE	8/9/2021 SIG	NATURE				Ε	DATE		
	Ť	ADDRESS				_		PHONE:			
D F	Lea Land, LLC	ADDRESC	Mile Man	ker 64, U		-		THOME.	575-88	37-4048	
I A	DEDIVIT NO				100u	7 111					
SC	PERMIT NO. WM-01-035 - New Mex	rico	20. C	OMMENTS							
PI	VV IVI-01-033 - INEW IVIE	AICO									
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such		Hereby certify	hat the above	described	d wastes	were de	livered to the	his facility,	that the	
LY	AUTHORIZED SIGNATURE	1	CE	LL NO.	_	1	DATE		т	ME OD	
	To allow	10000	1 6					2004		1	
		MADI	1-0-1				8/9/	2021			

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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

-HAZARDOUS WASTE M	ANIFEST NO 1	A5166	T _{1. P}	AGEOF	2. TRAII	ER NO.	an
3. COMPANY NAME		45166	1	- up	PICK-UP DATE		40
E.O.G. Resources	105 South 4th	St.		6	V9/2021		
PHONE NO. (575) 748-1471	CITY Artesia	STATE NM	882		NRCC I.D. NO).	
7. NAME OR DESCRIPTION OF WASTE	SHIPPED:		8. CO No.	NTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID :
Non-Regulated, Non Hazardous	s Waste		1	СМ			
WT: 24.5(00)							
12. COMMENTS OR SPECIAL INSTRUC					13. WASTE P	ROFILE N	0.
PAN AM PARDUE AIZ FEDER	AL#1						
14.	IN CASE OF EMERO	GENCY OR SPI	LL, CO	ONTACT			
NAME JOE ONTIVEROS	PHONE NO 575-887-40	10			24-HOUR	EMERGE	NCY NO.
PRINTED/TYPED NAME CO. MAN: CHASE SETTLE							
16. TRANSPORTE	R (1)	17.	1	RANSPO	ORTER (2)		
NAME: CCI		NAME:					
TEXAS I.D. NO.		TEXAS I.D. NO					
IN CASE OF EMERGENCY CONTACT:	LUIS GAVALDON	IN CASE OF EN	MERGEN	CY CONTA	CT:		
EMERGENCY PHONE:	(432) 741-2509	EMERGENCY	PHONE:				
18. TRANSPORTER (1): Acknowled PRINTED/TYPED NAME PRINTED/TYPED NAME	edgment of receipt of material Pollars	19. TRANSP PRINTED/ГҮР			owledgment of	receipt of n	naterial
MA	DATE 8/9/	2021 SIGNATURE _			1	DATE	
SIGNATURE CES				0.00	PHONE:		1. 14.17
(12	ADDRESS:				00	575 00	7 40 40
Lea Land, LLC	Mil	e Marker 64, Miles East of			50,	3/3-00	37-4048
Lea Land, LLC	Mil 30				30,	3/3-00	37-4048
Lea Land, LLC PERMIT NO.	Mil 30 w Mexico	Miles East of 20. COMMENTS	Carlsba	ad, NM			

8/9/2021

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

1	CVV	05
	DYY	<u>u</u>

NOI	N-HAZARDOUS WASTE MANI	FEST	NO 14	5167	1. PA	AGE	OF	2. TRAIL	LER NO.	Tho
G	3. COMPANY NAME E.O.G. RESOURCES PHONE NO. (575) 748-1471	106 SA	With 4th S		882	ZIP		202 PATE		110
E	7. NAME OR DESCRIPTION OF WASTE SHIP.	PED:			8. COl	NTAINE I Type		. TOTAL JANTITY	10. UNIT Wt/Vol.	11. TEXAS
N	Non-Regulated, Non Hazardous Wa	ste			1	СМ		31111111	vv v voi.	WIGIE
E	b. c.									
R	WT: 26360									
A	12. COMMEN'S OR SPECIAL INSTRUCTION PAN AM PARDUE AIZ FEDERAL #						13	. WASTE P	ROFILE N	O.
Т	NAME JOE ONTIVEROS	PHONE		ENCY OR SPI	LL, CO	NTAC	Т	24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION shipping name and are classified, packed, marked, international and national government regulations,	and labeled, a	and are in all	respects in proper of	condition	for transp	ort by l	nighway acc	cording to a	pplicable
R	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE			SIGNATURE						DATE
T R A N S P O R	EMERGENCY PHONE: (43)	IS GAVAL 2) 741-25(09	17. NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY P	IERGENO			TER (2)		
T E R	18. TRANSPORTER (1); A knowledgment PRINTED/TYPED NAME SIGNATURE	DATE	s	19. TRANSPO PRINTED/TYPE 321 SIGNATURE	D NAME		knowle		receipt of m	aterial
F	Lea Land, LLC	ADDR	RESS: Mile	Marker 64, U	J.S. Hv	vy 62/		PHONE:		7-4048
A C I	PERMIT NO. WM-01-035 - New Me	exico		20. COMMENTS						
LIT	21.DISPOSAL FACILITY'S CERTIFIFICATION facility is authorized and permitted to receive such	ertify that the above	described	d wastes	were de	livered to the	his facility,	that the		
Ŷ	ADTHORIZED SIGNATURE	7000	7.	CELL NO.		D	ATE 8/9/	2021	TH	Go J

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

LEA LAND, LLC1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

ON-HAZARI	OUS WASTE MA	NIFEST	NO 1	45168	1. PA	AGE	OF	2. TRAII	St. St. St. St. St. St.	021	
3. COMPANY N E.O.G. Res			RESS outh 4th	St.				2021			
PHONE NO. (575) 748-1	471	Artesi	a	STATE NM	882		6. TNRCC I.D. NO.				
The second second second	ESCRIPTION OF WASTE S	HIPPED:			8. CON No.	NTAINE Type		TOTAL UANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID	
Non-Regula	ted, Non Hazardous \	Waste			1	СМ				- 1	
b.											
wr: 19	2177				1	-	-1	-			
21	S OR SPECIAL INSTRUCT	TONS:					13	. WASTE P	ROFILE N	O.	
PAN AM PA	RDUE AIZ FEDERA	L#1									
14. NAME	I		EMERO NE NO	GENCY OR SPI	LL, CO	NTAC	Т	24 1101 12	EMERCE	NCV NO	
JOE ONTIV	EROS		5-887-40	18				24-HOUR	EMERGE	NCY NO.	
shipping name ar	TOR'S CERTIFICAT nd are classified, packed, mar national government regulati	ked, and labeled	l, and are in	all respects in proper	condition i	for transp	port by	highway acc	cording to a	pplicable	
PRINTED/TYPE CO. MAN: (D NAME CHASE SETTLE			SIGNATURE						DATE	
16.	TRANSPORTER	(1)		17.	T	RANS	PORT	TER (2)			
NAME:	CCI			NAME:							
I EMIO I.B. NO		LUIS GAVA	LDON	IN CASE OF EM		CV CON	TACT.				
EMERGENCY		(432) 741-2	509	EMERGENCY I		CICON	IACI.				
18. TRANSPO	ORTER (1): Acknowledge	1	of material	19. TRANSPO	ORTER		cknowle	dgment of	receipt of n	naterial	
SIGNATURE	Form	DATE	8/9/	2021 SIGNATURE _				I	DATE		
Lea	Land, LLC	ADD		e Marker 64, U				PHONE:	575-88	7-4048	
A PERMIT NO.	PERMIT NO. 20. COMMENTS										
	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the abortacility is authorized and permitted to receive such wastes.							livered to t	his facility,	that the	
Y AUTHORIZED	IGNATURE	MI	\() _{0.3}	CELL NO.		D	ATE 8/9	2021	ТІ	ME 05	

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

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NOI	N-HAZARDOUS WASTE MANIFEST	r NO 14	15169	1. P.	AGE	OF	2. TRAII	LER NO.	DI
G E	PHONE NO.	DDRESS South 4th S Y	St. STATE NM	882	ZIP	8/9/	C-UP DATE 2021 CC I.D. NO		
_	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. COI No.	NTAINE Type		. TOTAL UANTITY	10. UNIT Wt/Vol.	II. TEXAS WASTE ID #
N	Non-Regulated, Non Hazardous Waste			1	СМ				
E	b. c.					-			
R	twr: 27980								
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PAN AM PARDUE AIZ FEDERAL # 1					13	. WASTE F	PROFILE N	O.
Т	NAME PH	OF EMERG HONE NO 575-887-404	ENCY OR SPI	LL, CO	NTAC	T	24-HOUR	EMERGE	NCY NO.
o	15.GENERATOR'S CERTIFICATION: I Her shipping name and are classified, packed, marked, and labe international and national government regulations, including	eled, and are in a	Il respects in proper of	condition	for transp	ort by	highway acc	cording to a	pplicable
R	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE		SIGNATURE						DATE
T R A N S P	16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS GA EMERGENCY PHONE: (432) 741		17. NAME: TEXAS I.D. NO. IN CASE OF EM EMERGENCY P	ERGENO			TER (2)		
R T E R S	18. TRANSPORTER (1): Acknowledgment of reco	-	19. TRANSPO PRINTED/TYPE 021	RTER		cknowle			aterial
) F	ADDRESS: Lea Land, LLC Mile Marker 64, U.S. Hwy 62/180, 575-887-4048								
A C P I	PERMIT NO. WM-01-035 - New Mexico								
D L S I A T	21.DISPOSAL FACILITY'S CERTIFICATI facility is authorized and permitted to receive such wastes	describe	d wastes	were de	elivered to t	his facility,	that the		
LY	HORIZED SIGNATURE) Octo	CELL NO.		D	ATE 8/9/	2021	TH j	O

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

NO	N-HAZARDOUS WASTE MANIF	EST	NO 145170	1. P.	AGEO	2. TRAI	LER NO.	DA				
G	3. COMPANY NAME E.O.G. Resources		ESS 4th St.	,	5.	PICK-UP DATE 8/9/2021	3	UT				
E	PHONE NO. (575) 748-1471	CITY Artesia	STATE NM	882		TNRCC I.D. NO	D.					
L	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:		8. CO	NTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXA WASTE II				
N	Non-Regulated, Non Hazardous Wast	:e		1	СМ							
E	b. c.											
R	WT: 21,240											
	12. COMMENTS OR SPECIAL INSTRUCTIONS: PAN AM PARDUE AIZ FEDERAL #1					13. WASTE F	PROFILE N	О.				
A			EMERGENCY OR SPI	LL, CC	NTACT							
T	NAME JOE ONTIVEROS	PHONI					REMERGE	NCY NO.				
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by prop 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, LI											
	international and national government regulations, in	ncluding ap										
R	international and national government regulations, in PRINTED/TYPED NAME CO. MAN: CHASE SETTLE	ncluding ap										
R	PRINTED/TYPED NAME	ncluding ap	oplicable state regulations, and a	re the sam	ne materials			A LAND, LI				
R T R A	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE	ncluding ap	oplicable state regulations, and a	re the sam	ne materials	previously appr		A LAND, LI				
R T R A N S	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO.		SIGNATURE 17. NAME: TEXAS I.D. NO	T	RANSP	ORTER (2)		A LAND, L				
R T R A N S P	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS	GAVA	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN	T MERGENO	RANSP	ORTER (2)		A LAND, LI				
R T R A N S P O R	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS	6 GAVA	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN EMERGENCY J	T MERGENO PHONE:	RANSP	ORTER (2)	oved by LE	A LAND, LI				
R T R A N S P O R T E	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS EMERGENCY PHONE: (432)	GAVAI 741-25 of receipt of	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN EMERGENCY I 19. TRANSPO	T MERGENO PHONE: DRTER	RANSPO	ORTER (2)	oved by LE	A LAND, LI				
R T R A N S P O R T	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS EMERGENCY PHONE: (432) 18. TRANSPORTER (1): Acknowledgment of the contact	GAVAI 741-25 of receipt of	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN EMERGENCY J 19. TRANSPO PRINTED/TYPE	T MERGENO PHONE: DRTER	RANSPO	ORTER (2) ACT:	oved by LE	A LAND, LI				
R T R A N S P O R T E R	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS EMERGENCY PHONE: (432) 18. TRANSPORTER (1): Acknowledgment of the contact	GAVAI 741-25 of receipt of	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN EMERGENCY I 19. TRANSPO PRINTED/TYPI 8/9/2 19. SIGNATURE	T MERGENO PHONE: DRTER	RANSPO	ORTER (2) ACT:	receipt of m	A LAND, LI				
R T R A N S P O R T E R S	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS EMERGENCY PHONE: (432) 18. TRANSPORTER (1): Acknowledgment of the contact	GAVAI 741-25 of receipt of OVIPI DATE	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN EMERGENCY J 19. TRANSPO PRINTED/TYPE 8/9/2 021 SIGNATURE RESS: Mile Marker 64, 1	T MERGENO PHONE: DRTER ED NAME	PRANSPO	ORTER (2) ACT: nowledgment of PHONE:	receipt of m	A LAND, LI				
R T R A N S P O R T E R S	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS EMERGENCY PHONE: (432) 18. TRANSPORTER (1): Acknowledgment of the contact	GAVAI 741-25 of receipt of OVI PA DATE ADDR	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN EMERGENCY I 19. TRANSPO PRINTED/TYPE 8/9/2 021 SIGNATURE RESS:	T MERGENO PHONE: DRTER ED NAME	PRANSPO	ORTER (2) ACT: nowledgment of PHONE:	receipt of m	A LAND, LI				
T R A N S P O R T E R S D F I A S C	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS EMERGENCY PHONE: (432) 18. TRANSPORTER (1): Acknowledgment of the contact	TA1-25 of receipt of PATE ADDR ACICO CATION	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN EMERGENCY I 19. TRANSPO PRINTED/TYPE 8/9/2 8/9/2 19. TRANSPO AMILE SIGNATURE RESS: Mile Marker 64, 13 30 Miles East of C 20. COMMENTS	T MERGENCE PHONE: ORTER ED NAME U.S. HV	CY CONTA	ORTER (2) ACT: nowledgment of PHONE:	receipt of m	DATE material				

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

LEA LAND LLC

O.	N-HAZARDOUS WASTE MANIFEST	Γ NO 1	45171	1. P.	AGEO	F 2. TRAII	LER NO.	07			
G	3. COMPANY NAME E.O.G. Resources	DDRESS South 4th S			5.	PICK-UP DATE 8/9/2021					
E	PHONE NO. (575) 748-1471 Arte		STATE NM	882		TNRCC I.D. NO).				
L	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. COI No.	NTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXA WASTE II			
N	Non-Regulated, Non Hazardous Waste			1	СМ		A see				
E	c.			-							
R	WT: 235X()										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: PAN AM PARDUE AIZ FEDERAL #1					13. WASTE P	ROFILE N	O.			
A	DEVENOUS PROPERTY OF THE PROPE	OF EMERG	ENCY OR SPI	LL, CO	NTACT						
T	NAME PHO	ONE NO 75-887-404		,			EMERGE	NCY NO.			
0	15.GENERATOR'S CERTIFICATION: I Here shipping name and are classified, packed, marked, and label international and national government regulations, includin	led, and are in a	Il respects in proper	condition	for transpo	rt by highway acc	ording to a	pplicable			
R	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE		SIGNATURE					DATE			
T R A N S	16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON IN CASE OF EMERGENCY CONTACT:										
O R	EMERGENCY PHONE: (432) 741-		EMERGENCY F								
T E R	18. TRANSPORTER (1): Acknowledgment of rece	16	19. TRANSPO PRINTED/TYPE			nowledgment of 1	receipt of m	naterial			
S	SIGNATURE FING DE CHIS DATE	E 8/9/	D21 SIGNATURE		_		OATE	_			
F	Lea Land, LLC	DDRESS: Mile	e Marker 64, U Miles East of 0			80, PHONE:	575-88	37-4048			
	PERMIT NO. 20. COMMENTS										
A C		L 21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the									
A	21 DISPOSAL FACILITY'S CERTIFICATION		certify that the above	e described	d wastes w	ere delivered to ti	nis facility,	that the			

-HAZARDOUS WASTE	MANIFEST NO	145172	1. P.	AGEOF	2. TRAII	LER NO.	10
3. COMPANY NAME E.O.G. Resources	105 South 41	th St.		5. 8	19/202 PATE		
PHONE NO. (575) 748-1471	CITY Artesia	STATE NM	882		TNRCC I.D. NO).	
7. NAME OR DESCRIPTION OF WAS	STE SHIPPED:		8. COI	NTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	II. TE WASTE
Non-Regulated, Non Hazard	ous Waste		1	СМ			1
).							
WT:21840							-
12. COMMENTS OR SPECIAL INSTI PAN AM PARDUE AIZ FEDE					13. WASTE F	PROFILE N	О.
		DCENCY OD CD		NIT A OT			_
NAME JOE ONTIVEROS	PHONE NO 575-887-4		LL, CC	NIACI	24-HOUR	REMERGE	NCY NO
PRINTED/TYPED NAME CO. MAN: CHASE SETTLE		SIGNATURE					DATE
16. TRANSPORT		17.	Т	RANSPO	ORTER (2)		
NAME: CO	3 1	NAME: TEXAS I.D. NO					
IN CASE OF EMERGENCY CONTAC	LUIS GAVALDON (432) 741-2509			CY CONTAC	CT:		
EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledge		rial 19. TRANSP		(2): Aclend	owledgment of	receipt of m	naterial
PRINTED/TYPED NAME	so Estre-O	PRINTED/TYP		B			_
SIGNATURE	DATE 3	/B/2021 SIGNATURE _			I	DATE	
Lea Land, LLC	ADDRESS:	Mile Marker 64, 1 0 Miles East of 0	U.S. Hv		PHONE:	575-88	37-404
PERMIT NO.		20. COMMENTS					

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

1300 WEST MAIN			ND, LLC CITY, OK 73100		(405) 23	36-4257	F	Brr	GS.		
ON-HAZARDOUS WASTE MANI	FEST	NO 14	5233	1. P.	AGE	OF	2. TRAII	LER NO.	90		
3. COMPANY NAME E.O.G. Resources PHONE NO. (575) 748-1471	4 ADD 105 So CITY Artesia	RESS buth 4th S	STATE	882	ZIP	\$ PICK-UP DATE 8/10/2021 6. TNRCC I.D. NO.					
7. NAME OR DESCRIPTION OF WASTE SHIP	100000		1401		NTAINE		9. TOTAL	10. UNIT	11. TEXA		
Non-Regulated, Non Hazardous Was				No.	Тур	e Q	UANTITY	Wt/Vol.	WASTE ID		
b.					F	+					
c.						+					
WT: 25320			;					37.27			
12. COMMENTS OR SPECIAL INSTRUCTION PAN AM PARDUE AIZ FEDERAL#					13	3. WASTE P	ROFILE N	0.			
14. IN CONTIVEROS	PHON	EMERG NE NO 1-887-4048	ENCY OR SI	PILL, CO	NTAC	СТ	24-HOUR	EMERGE	NCY NO.		
15.GENERATOR'S CERTIFICATION shipping name and are classified, packed, marked, international and national government regulations,	and labeled	, and are in all	respects in prope	r condition	for trans	port by	highway acc	cording to a	pplicable		
PRINTED/TYPED NAME CO. MAN: CHASE SETTLE			SIGNATURE						DATE		
IN CASE OF EMERGENCY CONTACT:	S GAVA 2) 741-25		17. NAME: TEXAS I.D. NO IN CASE OF E	O. EMERGENO			ΓER (2)				
EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME: CARCOS	of receipt	?	19. TRANSI PRINTED/TY	PORTER				receipt of m	naterial		
SIGNATURE C.	DATE	8/10/2	SIGNATURE				I	DATE			
Lea Land, LLC	ADD		Marker 64, Iiles East of		-		PHONE:	575-88	7-4048		
PERMIT NO. WM-01-035 - New Me	exico		20. COMMENTS	S							
L 21.DISPOSAL FACILITY'S CERTIFI facility is authorized and permitted to receive such		N: I Hereby o	ertify that the abo	ve describe	d wastes	were d	elivered to t	his facility,	that the		
AUIT ORIZED SIGNATURE) (C)	100	CELL NO.		E	DATE 9/40	(2024	TII	ME , 15		

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

LEA	LA	ND.	LL	C
				\sim

ON	N-HAZARDOUS WASTE MAN	NIFEST NO 1	15234	1. PA	AGE	OF_	2. TRAII	LER NO.	MI	
	3. COMPANY NAME E.O.G. Resources PHONE NO. (575) 748-1471	105 South 4th S		882	ZIP		RCC I.D. NO			
C	7. NAME OR DESCRIPTION OF WASTE SH	IIPPED:			NTAINE		9. TOTAL	10. UNIT Wt/Vol.	II. TEXA	
1	Non-Regulated, Non Hazardous W	/aste		No.	Тур	,	QUANTITY	WU VOI.	WASTE II	
	b.					+				
	c.			+	-	+				
	8VI: () \ =()/)				-	4				
2				1-1		4				
	12. COMMENTS OR SPECIAL INSTRUCTION PAN AM PARDUE AIZ FEDERAL						3. WASTE P	KOFILE N	O.	
	NAME JOE ONTIVEROS	PHONE NO	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY NO.							
	15.GENERATOR'S CERTIFICATION shipping name and are classified, packed, market international and national government regulation	575-887-404 ON: I Hereby declare that ed, and labeled, and are in a	the contents of this	condition i	for transp	ort by	nd accurately	described a	bove by pro	
)	15.GENERATOR'S CERTIFICATION	575-887-404 ON: I Hereby declare that ed, and labeled, and are in a	the contents of this	condition i	for transp	ort by	nd accurately	described a	bove by pro	
2	15.GENERATOR'S CERTIFICATION shipping name and are classified, packed, marked international and national government regulation. MAN. CHASE SELLIF	575-887-404 ON: I Hereby declare that ed, and labeled, and are in a ons, including applicable sta	the contents of this Il respects in proper te regulations, and a	condition the same	for transp e materi	ort by	nd accurately	described a	bove by pro pplicable A LAND, L	
2	15.GENERATOR'S CERTIFICATION shipping name and are classified, packed, marked international and national government regulation. MAN: CHASE SETTLE PRINTED/TYPED NAME	575-887-404 ON: I Hereby declare that ed, and labeled, and are in a ons, including applicable sta	the contents of this Il respects in proper te regulations, and a SIGNATURE	condition the same	for transp e materi	ort by	nd accurately highway acceviously appro	described a	bove by pro pplicable A LAND, L	
O R	15. GENERATOR'S CERTIFICATION shipping name and are classified, packed, marked international and national government regulation. MAN. CHASE SETTLE PRINTED/TYPED NAME 16. TRANSPORTER (NAME:	575-887-404 ON: I Hereby declare that ed, and labeled, and are in a ons, including applicable sta	the contents of this ill respects in proper te regulations, and a SIGNATURE	condition are the sam	for transp e materi	ort by	nd accurately highway acceviously appro	described a	bove by pro pplicable A LAND, L	
D R	15.GENERATOR'S CERTIFICATION Shipping name and are classified, packed, marked international and national government regulation. MAN. CHASE SETTLE PRINTED/TYPED NAME 16. TRANSPORTER (NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT:	575-887-404 ON: I Hereby declare that ed, and labeled, and are in a ons, including applicable states.	the contents of this ill respects in proper te regulations, and a SIGNATURE 17. NAME:	condition are the sam	for transpe materi	POR	nd accurately highway acceviously appro	described a	bove by pro pplicable A LAND, L	
O RR	15.GENERATOR'S CERTIFICATION shipping name and are classified, packed, marked international and national government regulation. MAN. CHASE SETTLE PRINTED/TYPED NAME 16. TRANSPORTER (NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:	575-887-404 ON: I Hereby declare that ed, and labeled, and are in a ons, including applicable states. 1) LUIS GAVALDON 132) 741-2509	the contents of this ll respects in proper te regulations, and a SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN	T MERGENCE	RANS	POR	ad accurately highway acceptionsly approximately approxima	described a cording to a oved by LE	bove by pro pplicable A LAND, L DATE	
O R	15.GENERATOR'S CERTIFICATION shipping name and are classified, packed, market international and national government regulation. CO. MAN. CHASE SETTLE 16. TRANSPORTER (NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledged.	575-887-404 ON: I Hereby declare that ed, and labeled, and are in a ons, including applicable states, i	the contents of this ll respects in proper te regulations, and a SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN	T MERGENCE	RANS	POR	ad accurately highway acceptionsly approximately approxima	described a cording to a oved by LE	bove by pro pplicable A LAND, L DATE	
O R	15.GENERATOR'S CERTIFICATION shipping name and are classified, packed, market international and national government regulation. CO. MAN. CHASE SETTLE 16. TRANSPORTER (NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledged.	575-887-404 ON: I Hereby declare that ed, and labeled, and are in a ons, including applicable states, i	the contents of this il respects in proper te regulations, and a SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN EMERGENCY 19. TRANSP	T MERGENCE PHONE: ORTER	RANS (2): Ac	POR	d accurately highway acceviously approximately approximate	described a cording to a oved by LE	bove by pro pplicable A LAND, L DATE	
O R	15.GENERATOR'S CERTIFICATION shipping name and are classified, packed, marked international and national government regulation. MAN. CHASE SETTLE PRINTED/TYPED NAME 16. TRANSPORTER (NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:	575-887-404 ON: I Hereby declare that ed, and labeled, and are in a ons, including applicable states, i	the contents of this il respects in proper te regulations, and a SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN EMERGENCY 19. TRANSP	T MERGENCE PHONE: ORTER	RANS EY CON (2): Ac	POR	ad accurately highway acceptionsly approximately approxima	described a cording to a oved by LE	bove by pro pplicable A LAND, L DATE	
O R A N S P O R T E R	15.GENERATOR'S CERTIFICATION shipping name and are classified, packed, market international and national government regulation. CO. MAN. CHASE SETTLE 16. TRANSPORTER (NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledged.	575-887-404 ON: I Hereby declare that ed, and labeled, and are in a suns, including applicable states of the stat	the contents of this il respects in proper te regulations, and a SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN EMERGENCY 19. TRANSP PRINTED/TYP	T MERGENCE DRTER DAME	RANS EY CON (2): Ac	POR	ed accurately highway acceptionsly approximately approxima	described a cording to a coved by LE.	bove by pro pplicable A LAND, L DATE	

THORIZED SIGNATURE

facility is authorized and permitted to receive such wastes.

O L

S I A T

LY

21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the

CELL NO.

TIME

DATE

8/10/2021

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

	1300 WEST MAIN			ND, LLC A CITY, OK 73106		(405) 2	36-4257	\(\frac{1}{2}\)	12	DUCIO	
NON	N-HAZARDOUS WASTE MAN	IFEST	NO 1	45235	1. P	AGE_	_OF	2. TRAII	LER NO.	MIC	
G E	3. COMPANY NAME E.O.G. Resources PHONE NO. (575) 748-1471	CITY Artesi	RESS Outh 4th S		882	ZIP 210		B/10/2021 PATE 5. TNRCC I.D. NO.			
L	7. NAME OR DESCRIPTION OF WASTE SHI	PPED:			8. CO	NTAINI I Ty		O. TOTAL UANTITY	10. UNIT Wt/Vol.	II. TEXAS WASTE ID#	
N	Non-Regulated, Non Hazardous Wa	aste			1	СМ					
E	b. c.										
R	12. COMMENTS OR SPECIAL INSTRUCTION PAN AM PARDUE AIZ FEDERAL #						13	3. WASTE P	ROFILE N	O.	
T	IA. IN NAME JOE ONTIVEROS	PHON	F EMERG NE NO S-887-404	ENCY OR SP	ILL, CC	ONTA	СТ	24-HOUR	EMERGE	NCY NO.	
o	15.GENERATOR'S CERTIFICATIO shipping name and are classified, packed, marked international and national government regulation.	l, and labeled	, and are in a	ll respects in proper	condition	for trans	sport by	highway acc	cording to a	pplicable	
R	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE			SIGNATURE					- 9	DATE	
T R A N S P O R T E R S	IN CASE OF EMERGENCY CONTACT:	JIS GAVA 32) 741-2	509	17. NAME: TEXAS I.D. NO IN CASE OF EI EMERGENCY 19. TRANSP PRINTED/TYP 321 SIGNATURE	MERGENO PHONE: ORTER ED NAMI	CY CON	NTACT:		receipt of m	naterial	
D F	Lea Land, LLC	ADD		Marker 64, Miles East of				PHONE:	575-88	7-4048	
S C P I O L S I	PERMIT NO. WM-01-035 - New M 21.DISPOSAL FACILITY'S CERTIF	FICATION	N: I Hereby	20. COMMENTS		d wastes	s were de	elivered to the	his facility,	that the	
A T L Y	facility is authorized and permitted to receive sure		Λ-	CELL NO.		_	DATE 8/10			ME . 20	

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

LEA LAND, LLC1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

1				
7	2		-	0
		1 1	0	2

	3. COMPANY NAME 4. ADDRESS 105 South 4th	St.			5 PI	CK-UP DATE 0/2021		
•	PHONE NO. (575) 748-1471 CITY Artesia	STATE NM	8821	ZIP		NRCC I.D. NC		
C	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON No.	TAINE Typ		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. T
1	Non-Regulated, Non Hazardous Waste		1	СМ				
C	b.							
,	WT: DI LON				_			
2	12. COMMENTS OR SPECIAL INSTRUCTIONS:				-	13. WASTE P	PROFILE N	IO.
	PAN AM PARDUE AIZ FEDERAL#1							
Γ	14. IN CASE OF EMER NAME PHONE NO JOE ONTIVEROS 575-887-40		ILL, CO	NTAC	CT	24-HOUR	R EMERGE	ENCY N
)	international and national government regulations, including applicable	all respects in proper state regulations, and					oved by LE	EA LAN
2	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE						oved by LE	_
	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1)	SIGNATURE 17.	are the same	e mater	ials pr		oved by LF	DATE
2	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI	SIGNATURE 17. NAME:	T	e mater	ials pr	reviously appr	roved by LE	_
R	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON	SIGNATURE 17.	T)	RANS	ials pr	RTER (2)	roved by LE	_
R	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON EMERGENCY PHONE: (432) 741-2509	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF E EMERGENCY	T) MERGENC PHONE:	RANS	SPOI	RTER (2)		DATE
RANNEPOR	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON (432) 741-2509	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF E EMERGENCY	T) MERGENC PHONE:	RANS Y COM	SPOI	RTER (2)		DATE
	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON EMERGENCY PHONE: (432) 741-2509 18. TRANSPORTER (1): Aclinowledgment of receipt of material printed/typed name.	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF E EMERGENCY 19. TRANSP	T) MERGENC PHONE: PORTER PED NAME	RANS Y COM	SPOI	RTER (2) T:		DATE
F	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON EMERGENCY PHONE: (432) 741-2509 18. TRANSPORTER (1): Aclinowledgment of receipt of material printed/typed Name PRINTED/TYPED NAME SIGNATURE Lea Land, LLC ADDRESS: M.	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF E EMERGENCY 19. TRANSP PRINTED/TYP	T) MERGENC PHONE: ORTER PED NAME	(2): A	SPOI	RTER (2) T: wledgment of	receipt of r	DATE
FACI	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON EMERGENCY PHONE: (432) 741-2509 18. TRANSPORTER (1): Aclinowledgment of receipt of material printed/typed Name PRINTED/TYPED NAME SIGNATURE Lea Land, LLC ADDRESS: M.	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF E EMERGENCY 19. TRANSP PRINTED/TYP SIGNATURE ile Marker 64,	TO TO THE PROPERTY OF THE PED NAME U.S. HW Carlsba	(2): A	SPOI	RTER (2) T: wledgment of	receipt of r	DATE
FAC	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: LUIS GAVALDON EMERGENCY PHONE: (432) 741-2509 18. TRANSPORTER (1): Act nowledgment of receipt of material printed/typed name PRINTED/TYPED NAME SIGNATURE Lea Land, LLC ADDRESS: Lea Land, LLC M 30 PERMIT NO.	SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF E EMERGENCY 19. TRANSP PRINTED/TYP SIGNATURE ile Marker 64, Miles East of 20. COMMENTS	T) MERGENC PHONE: ORTER PED NAME U.S. HW Carlsba	RANS (2): A	SPOI NTAC Acknow	RTER (2) T: wledgment of a PHONE:	DATE	DATE material

Released to Inging; 151972022 8:07:23 AM

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

N-HAZARDOUS WASTE	MANIFEST	NO 1	15237	1. P.	AGE_	_OF	2. TRAII	LER NO.	Lil
3. COMPANY NAME E.O.G. Resources PHONE NO. (575) 748-1471	105 S CITY	outh 4th S	STATE	882	ZIP 10		K-UP DATE /2021 RCC I.D. NC		
7. NAME OR DESCRIPTION OF WAS	TE SHIPPED:				NTAIN		9. TOTAL DUANTITY	10. UNIT	11. TEX
Non-Regulated, Non Hazardo	us Waste			1	CM	pe	ZOANTITT	WBVOL	WASTE
b.					\top				
c				T.					
WT: 2297D									
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					1	3. WASTE P	ROFILE N	IO.
PAN AM PARDUE AIZ FEDE	RAL#1								
NAME JOE ONTIVEROS	PHO	F EMERG NE NO 5-887-404	ENCY OR SPI	LL, CO	NTA	CT	24-HOUR	EMERGE	NCY NO.
15.GENERATOR'S CERTIFIC shipping name and are classified, packed international and national government re	, marked, and labeled	d, and are in al	I respects in proper	condition	for tran	sport by	highway acc	cording to a	pplicable
PRINTED/TYPED NAME CO. MAN: CHASE SETTLE			SIGNATURE						DATE
16. TRANSPORT	ER (1)		17.	Т	RAN	SPOR	TER (2)		
NAME: CO	71	_	NAME:						
TEXAS I.D. NO.	LUIS GAVA	N DON	TEXAS I.D. NO.						
IN CASE OF EMERGENCY CONTAC	(432) 741-2		IN CASE OF EM	12 - 1	CY CO	NTACT			
EMERGENCY PHONE: 18. TRANSPORTER (1): Ackno			EMERGENCY I		(2):	Acknow	edgment of	receipt of n	naterial
PRINTED/TYPED NAME TO	٨	- 1	PRINTED/ГҮРЕ						
SIGNATURE	DATE	8/10/2	021 SIGNATURE_				ſ	DATE	
Lea Land, LLC	ADD	oress: Mile	Marker 64, U				PHONE:	575-88	37-4048
		30 N	Ailes East of C	Carlsba	d, N	M			
PERMIT NO. WM-01-035 - N	ew Mexico		20. COMMENTS						
21.DISPOSAL FACILITY'S C		N: I Hereby o	ertify that the above	describe	d waste	s were o	lelivered to the	his facility,	that the
facility is authorized and permitted to re	ceive such wastes.								

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

LEA LAND, LLC

-HAZARDOUS WASTE	MANIFEST NO 1	45238	1. P/	AGEO	F 2. TRA	ILER NO.	5
3. COMPANY NAME E.O.G. Resources PHONE NO. (575) 748-1471	105 South 4th CITY Artesia		882	ZIP 6	PICK UP DAT		
7. NAME OR DESCRIPTION OF WAS	TE SHIPPED:		8. CON	NTAINER Type	S 9. TOTAL QUANTITY		11. TEX
Non-Regulated, Non Hazardo	us Waste		1	СМ		1,4,40	Wildie
b. c.							
WT: 2482D							
12. COMMENTS OR SPECIAL INSTR PAN AM PARDUE AIZ FEDE				1	13. WASTE	PROFILE N	О.
14. NAME JOE ONTIVEROS	IN CASE OF EMER PHONE NO 575-887-40		ILL, CO	NTACT		JR EMERGE	NCY NO.
16 CENED ATODIC OPPOSED	ATTON						
15.GENERATOR'S CERTIFIC shipping name and are classified, packed international and national government re	, marked, and labeled, and are in	all respects in proper	condition i	for transpo	ort by highway a	ccording to a	pplicable
shipping name and are classified, packed	, marked, and labeled, and are in	all respects in proper	condition i	for transpo	ort by highway a	ccording to a	pplicable
shipping name and are classified, packed international and national government re PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORT NAME: CC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTAC	marked, and labeled, and are in gulations, including applicable ER (1) CI T: LUIS GAVALDON	all respects in proper state regulations, and a SIGNATURE 17. NAME: TEXAS I.D. NO IN CASE OF EN	T MERGENC	for transporter material	ort by highway a s previously app	according to a	pplicable A LAND,
shipping name and are classified, packed international and national government re PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORT NAME: CC TEXAS I.D. NO.	marked, and labeled, and are in gulations, including applicable ER (1) CI CI (432) 741-2508 Wedgment of receipt of materia	17. NAME: TEXAS I.D. NO IN CASE OF EN EMERGENCY 19. TRANSPO	T MERGENCE ORTER	RANSP CY CONT. (2): Ack	ort by highway a s previously appeared to the pr	eccording to a	pplicable A LAND, DATE
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8/10/2021

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

LEA LAND, LLC

17. NAME OF DESCRIPTION OF WASTE SHIPPED:		N-HAZARDOUS WASTE MANIFEST NO 1				_OF_			
No. Type QUANTITY Wa/Nol. WAST Non-Regulated, Non Hazardous Waste 1 CM 2 CM 1 CM 2 CM 1 CM	E.O.G. Resources PHONE NO.	E.O.G. Resources PHONE NO. CITY							
Non-Regulated, Non Hazardous Waste b. c. WT: 2 GAD 12. COMMENTS OR SPECIAL INSTRUCTIONS: PAN AM PARDUE AIZ FEDERAL #1 14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO JOE ONTIVEROS 575-887-4048 15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by 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 governmenter regulations, including applicable state regulations, and are the same materials previously approved by LEA LANI PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) 17. TRANSPORTER (2) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME 19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE 19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE ADDRESS: Lea Land, LLC ADDRESS: Lea Land, LLC Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM PERMIT NO. WM-01-035 - New Mexico 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the	7. NAME OR DESCRIPTION OF WAS	TE SHIPPED:							11. TEX WASTE I
12. COMMENTS OR SPECIAL INSTRUCTIONS: PAN AM PARDUE AIZ FEDERAL #1 14. IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO DOE ONTIVEROS 15. GENERATOR'S CERTIFICATION: 1 Hereby declare that the contents of this consignment are fully and accurately described above by 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 LANI PRINTED/TYPED NAME CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: (432) 741-2509 EMERGE	Non-Regulated, Non Hazardo	us Waste				рс	QUARTITI	170 101.	WHOTE
12. COMMENTS OR SPECIAL INSTRUCTIONS: PAN AM PARDUE AIZ FEDERAL #1 14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO JOE ONTIVEROS 15. GENERATOR'S CERTIFICATION: 1 Hereby declare that the contents of this consignment are fully and accurately described above by 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 LANI PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) NAME: CCI TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE 19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE 19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE 19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE ADDRESS: Lea Land, LLC Mile Marker 64, U.S. Hwy 62/180, 575-887-40-4 30 Miles East of Carlsbad, NM PERMIT NO. WM-01-035 - New Mexico 21. DISPOSAL FACILITY'S CERTIFICATION: 1 Hereby certify that the above described wastes were delivered to this facility, that the									
PAN AM PARDUE AIZ FEDERAL #1 14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY N JOE ONTIVEROS 575-887-4048 15.GENERATOR'S CERTIFICATION: 1 Hereby declare that the contents of this consignment are fully and accurately described above by 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 LANI PRINTED/TYPED NAME CO. MAN: CHASE SETTLE 16. TRANSPORTER (1) 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 SIGNATURE 19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE ADDRESS: Lea Land, LLC ADDRESS: Lea Land, LLC Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM 20. COMMENTS 21. DISPOSAL FACILITY'S CERTIFICATION: 1 Hereby certify that the above described wastes were delivered to this facility, that the									
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SIGNATURE DATE ADDRESS: Lea Land, LLC Mile Marker 64, U.S. Hwy 62/180, 575-887-404 30 Miles East of Carlsbad, NM PERMIT NO. WM-01-035 - New Mexico 21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the	18. TRANSPORTER (1): Ackno	wledgment of receipt	of material 19. TRANSP	ORTER		Ackno	wledgment of 1	receipt of m	naterial
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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	Lea Land, LLC	ADD	Mile Marker 64, l		-			575-88	7-4048
		ew Mexico					·		
			N: I Hereby certify that the above	e describe	d waste	s were	delivered to the	nis facility,	that the

Released to Imaging 1/19/2022 8:07:23 AM

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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

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NON	N-HAZARDOUS WASTE MANIF	EST	NO 14	5240	1. PA	AGE_	OF	2. TRAII	ER NO.	04
G	PHONE NO.	105 So	ESS uth 4th S		882	ZIP 10		CC I.D. NO		
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:			8. CON	NTAINE Typ		. TOTAL UANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
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E	b. c.	,								
R	WT: 24 40							W. OTT D		
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PAN AM PARDUE AIZ FEDERAL # 1						13	. WASTE P	ROFILE N	О.
Т	IA. IN CA NAME JOE ONTIVEROS	PHONI		ENCY OR SPI	LL, CO	NTAC	CT T	24-HOUR	. EMERGE	NCY NO.
o	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and international and national government regulations, inc	d labeled,	and are in all	respects in proper of	condition :	for trans	port by	highway acc	cording to a	pplicable
R	PRINTED/TYPED NAME CO. MAN: CHASE SETTLE			SIGNATURE						DATE
T R A N S P	EMERGENCY PHONE: (432)	GAVAL 741-25	09	17. NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY P	IERGENO	CY CON	TACT:	TER (2)		
R T E R S	18. TRANSPORTER (1): Acknowledgment of PRINTED/TYPED NAME TO HAW SO	OMEY	Z-R	19. TRANSPO PRINTED/TYPE 321 SIGNATURE			cknowle			naterial
D F	Lea Land, LLC	ADDR	RESS: Mile	Marker 64, U		-	_	PHONE:	575-88	7-4048
I A S C P I	PERMIT NO. WM-01-035 - New Mex	kico	2014	20. COMMENTS	1504	7 . 111				
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w		: I Hereby c	ertify that the above	described	d wastes	were de	livered to the	his facility,	that the
LY	AUTIORIZED SIGNATURE	Ma	M- 1	CELL NO.		Г	ATE 8/10/	2021	TII	ME . 45

921 9:15:54 AM
State of New Mexico

Incident ID	nAPP2111040373
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e 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 con	nfirmed as part of any request for deferral of remediation.						
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility						
Extents of contamination must be fully delineated.							
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.						
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of						
Printed Name: Chase Settle	Title: Rep Safety & Environmental Sr						
Signature: The Sittle	Date: 08/31/2021						
email: Chase_Settle@eogresources.com	Telephone: <u>575-748-1471</u>						
OCD Only							
Received by: Robert Hamlet	Date:1/19/2022						
Approved with Attached Conditions of	Approval Denied Deferral Approved						
Signature: Robert Hamlet	Date: 1/19/2022						

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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 45776

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267 Midland, TX 79702	Action Number: 45776
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	$^{\prime}$	Condition Date
rhamlet	The Workplan/Remediation Plan is approved: Please backfill the excavation with clean non-impacted material so site reclamation can be completed.	1/19/2022