



HESS CORPORATION
1501 McKinney
Houston, TX 77010

Brian Epperson
Director, EHS
Phone: (713) 496-7296
E-Mail: bepperson@hess.com

REVIEWED

By Mike Buchanan at 8:52 am, Feb 08, 2024

June 16, 2023

Mr. Bradford Billings
New Mexico Oil Conservation District
1220 South St. Francis Drive
Santa Fe, NM 87505
VIA: Electronic Submittal Only

**Re: Annual Site Update
Former State G 4 Tank Battery, 1R-4863
Sec 18, T-19S, R-37E, Lea County**

Dear Mr. Billings:

Enclosed please find the Annual Site Update for 1R-4863, Former State G 4 Tank Battery, located in Monument, New Mexico. The report summarizes our efforts and sampling results for 2022.

If you should have any further questions or require additional information, please feel free to contact the undersigned at 713-496-7296.

Sincerely,

Brian Epperson
Director, EHS

cc: Brad Freeman, GeoMonitoring Services

Review of the Annual Site Update for the Former State G 4 Tank Battery, 1R-4863:
Content Satisfactory
1. Continue to operate solar sippers in MW-1 and MW-2
2. Install a solar sipper for MW-5
3. Continue to perform vacuum events for MW1, MW-2 and MW-5.
4. Continue to conduct quarterly--or semi-annual groundwater sampling for COCs.
5. Submit next Annual Site update by April 1, 2024.

FORMER STATE G 4 TANK BATTERY 1R-4863

SECTION 18, TOWNSHIP 19 SOUTH, RANGE 37 EAST
MONUMENT, LEA COUNTY, NEW MEXICO

SITE UPDATE

Prepared for:



Hess Corporation

1501 McKinney
Houston, TX 77010

Prepared by:



TABLE OF CONTENTS

1.0 INTRODUCTION.....2

2.0 GROUNDWATER ACTIVITIES.....4

3.0 LPH RECOVERY ACTIVITIES.....5

4.0 RECOMMENDATIONS.....6

LIST OF TABLES

TABLE 1 SUMMARY OF GROUNDWATER GAUGING DATA

**TABLE 2A SUMMARY OF GROUNDWATER MONITORING RESULTS:
BTEX, TPH, CHLORIDE, AND TDS**

**TABLE 2B SUMMARY OF GROUNDWATER MONITORING RESULTS:
PAHs**

TABLE 3 SOLAR SIPPER RECOVERY SUMMARY

TABLE 4 SUMMARY OF SOLAR SIPPER RECOVERY

LIST OF FIGURES

FIGURE 1 SITE LOCATION MAP

**FIGURE 2 GROUNDWATER POTENTIOMETRIC MAP
(JUNE 30, 2022)**

**FIGURE 3 GROUNDWATER POTENTIOMETRIC MAP
(DECEMBER 30, 2022)**

FIGURE 4 GROUNDWATER ANALYTICAL MAP

ATTACHMENTS

ATTACHMENT 1 LABORATORY REPORTS

1.0 INTRODUCTION

The Former State G 4 Tank Battery (State G 4 or the Site) is located northwest of Monument, New Mexico in southern Lea County. The legal description of the site is Section 18, Township 19 South, and Range 37 East. The Site latitude is 32° 39' 24.1" and longitude is 103° 17' 47.4". The Site was formerly a tank battery that was dismantled at an unknown date. A regional location map showing the site location is included as **Figure 1**. No known environmental incidents have occurred at the Site; however, the Site is under investigation due to its historical use as a former tank battery. On December 5, 2005, the New Mexico Oil Conservation Division (NMOCD) approved a general work plan submitted by Hess Corporation (Hess) to investigate and remediate locations within the North Monument Grayburg San Andres Unit (NMGSAU) that have historical contamination. A C-141 form was submitted and approved by NMOCD on November 29, 2017, and remediation case number 1R-4863 was assigned.

BBC International (BBC) initiated the investigation of the former tank battery on June 30 and July 1, 2015 by advancing nine soil borings to depths as great as 55 feet below ground surface (bgs). The locations of these borings are shown on the Site Map in **Figure 2**. Soils were analyzed for Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX), Chloride, Total Petroleum Hydrocarbons Gasoline Range Organics (TPH-GRO), and Total Petroleum Hydrocarbons Diesel Range Organics (TPH-DRO). Chloride concentrations were above the NMOCD Standard in soil boring SP1 to a depth of 25 feet, SP2 at depths of 15 feet and 45 feet, and SP6 to a depth of 20 feet. Total TPH concentrations were above the NMOCD Standard in soil borings SP1, SP2, and SP7 to a depth of 55 feet in each location, as well as SP6 to a depth of 20 feet. Concentrations for Benzene or Total BTEX were not above the NMOCD Standard in any of the soil borings.

A monitoring well, MW-1, was installed by BBC during the initial investigation in July 2015. The presence of Liquid Phase Hydrocarbon (LPH) was observed in the monitoring well, and no groundwater sample was collected at that time. GeoMonitoring Services (GMS) gauged MW-1 three times in 2016 in August, October, and December. No measurable LPH was observed during these three events, and groundwater samples were collected and analyzed for

BTEX, TPH-GRO, TPH-DRO, and Chlorides. Polynuclear Aromatic Hydrocarbons (PAHs) were also analyzed during the December 2016 sampling event. Only Chloride concentrations exceeded the New Mexico Water Quality Control Commission (NM WQCC) Standard of 250 milligrams per liter (mg/L) in October 2016 with a concentration of 850 mg/L and December 2016 with a concentration of 640 mg/L.

GMS utilized the information gathered during the initial investigation conducted by BBC International to further delineate the soil and groundwater impacts. GMS installed four additional monitoring wells and three soil borings in November 2016. An additional five soil borings were advanced and temporary wells were installed in November 2017. Analysis of soil samples demonstrated Total TPH concentrations in excess of the NMOCD Standards of 1,000 mg/kg to depths up to 60 feet in MW-2, 60 feet in MW-5, 50 feet in SB-10, 50 feet in SB-11, and 50 feet in SB-12. Soil borings SB-13 through SB-17 and MW-3 and MW-4 did not have any detections for Total TPH in excess of the NMOCD Standards. Chloride concentrations did not exceed the NMOCD Standard in any of the sample points. Groundwater samples did not have concentrations of BTEX or TPH above the NM WQCC Standards, with the exception of a Benzene detection in monitoring well MW-5 with a concentration of 32 µg/L. Chloride concentrations exceeded the NM WQCC standard in monitoring wells MW-1, MW-3, MW-4, and soil boring SB-14. The total dissolved solids (TDS) concentration in soil boring SB-14 exceeded the NM WQCC Standard. A Site Assessment Report further detailing the above investigation was submitted on July 25, 2018. In that report, Hess proposed excavating the areas with elevated TPH to a depth of four feet, installing a polyethylene liner, and backfilling with clean soil.

During a meeting at the NMOCD office on October 2, 2018, NMOCD expressed interest in Hess evaluating the viability of an air sparge and vapor extraction (AS/VE) system instead of the proposed excavation. On March 3, 2019, Hess submitted a Sparge Test Work Plan, which proposed installing one test point and one observation point. On June 19, 2019, Hess performed gamma and conductivity logs in the five monitoring wells to begin evaluating AS/VE viability. During this event, LPH was observed in the most upgradient monitoring well, MW-5, with a thickness of 3.5 feet. LPH thicknesses in monitoring wells MW-1 and MW-2 had also increased

to greater than 6 feet. A Site Update dated November 12, 2020, noted that LPH samples were subsequently collected from MW-1, MW-2, and MW-5, and the analysis concluded the LPH in all three wells came from the same source and/or release. The update also discussed baildown tests conducted on MW-1 and MW-5, and noted that after 8 hours, MW-1 returned to 57% of its pretest thickness, and MW-5 returned to 70% of its pretest thickness. The update concluded that Hess planned to install three additional monitoring wells immediately south of the road, upgradient of MW-5. Monitoring wells, MW-6, MW-7, and MW-8 were installed on March 23, 2021.

On November 16, 2021, Hess submitted a Site Update and Remedial Work Plan that summarized the additional monitoring wells installed in March 2021 as well as liquid phase hydrocarbon (LPH) recovery efforts. It also included a proposal from Hess to excavate soil in the areas with elevated Total Petroleum Hydrocarbons (TPH) to a depth of four feet below ground surface, line the excavation with a polyethylene liner, and backfill with clean soil. The proposed scope of work was approved by the New Mexico Oil Conservation Division (NMOCD) on November 29, 2021, and implementation of the approved scope of work began on December 2, 2021. A Site Update summarizing the excavation and liner installation was submitted on January 28, 2022. In that update, Hess committed to continued LPH removal with solar sippers, conducting monthly vacuum events on the three monitor wells with LPH, sampling the monitoring wells without measurable LPH on a semiannual basis, and to provide annual site status updates. Below is a summary of the activities that occurred during 2022.

2.0 Groundwater Activities

Monitoring wells MW-3, MW-4, MW-6, MW-7, and MW-8 were sampled on June 30, 2022 and December 8, 2022. Monitoring wells MW-1, MW-2, and MW-5 were not sampled due to the presence of LPH. All monitoring wells were gauged prior to sampling on June 30, 2022 and December 8, 2022. The groundwater potentiometric maps for June 2022 and December 2022 are provided in **Figure 2** and **Figure 3**, respectively. The groundwater gradient was to the north during both sampling events, which is consistent with historical measurements.

Groundwater samples were collected and analyzed for benzene, toluene, ethylbenzene, total xylenes (BTEX), total petroleum hydrocarbons gasoline range organics (TPH-GRO), total petroleum hydrocarbons diesel range organics (TPH-DRO), total petroleum hydrocarbons extended diesel range organics (TPH EXT-DRO), chloride, and PAHs. Purging was completed by bailing three well volumes, and three field measurements were recorded for pH, conductivity, temperature, dissolved oxygen, and oxygen redox potential (ORP). The samples were transferred from the bailers into dedicated laboratory-supplied Teflon™-capped glassware. The groundwater samples were preserved with hydrochloric acid, placed into a cooler, and maintained at a temperature of less than 4°C for transportation to Cardinal.

None of the groundwater samples collected on June 30, 2022 or December 8, 2022 had detected concentrations for BTEX, TPH-GRO, TPH-DRO, TPH Ext-DRO or PAHs. Monitoring wells MW-3, MW-4, MW-7, and MW-8 had Chloride concentrations above the NM WQCC Standard of 250 mg/L. These concentrations in June 2022 ranged from 272 mg/L in MW-3 to 600 mg/L in MW-4. Chloride concentrations in December 2022 ranged from 280 mg/L in MW-3 to 480 mg/L in MW-7. A summary of groundwater monitoring results is found in **Tables 2A and 2B** and is shown in **Figure 4**. The laboratory report is found in **Attachment 1**.

3.0 LPH Recovery Activities

In an effort to remove LPH from the monitoring wells, solar sippers operated in monitoring wells MW-1 and MW-2 throughout 2022. The solar sipper in MW-1 is plumbed to discharge into an adjacent drum, which is stored in an overpack. The second solar sipper installed in MW-2 is plumbed to discharge into a 300-gallon double wall tank. The recovery containers were gauged weekly in order to monitor the recovery progress. During 2022, approximately 39.72 gallons of LPH and 250.55 gallons of water were recovered from MW-1. MW-2 recovered approximately 105.6 gallons of LPH and 121.44 gallons of water during 2022. A summary of the solar sipper recovery is shown in **Table 3**. In addition, monthly vacuum events were conducted for MW-1, MW-2, and MW-5 starting in March 2022. The LPH thickness was measured in each well before and after the vacuum event. **Table 4** shows the pre and post LPH thicknesses for each monthly vacuum event. Between the March 29, 2022 vacuum event and the December 31, 2022 vacuum event, the LPH thickness in MW-1 decreased from

3.74 feet to 2.61 feet, and the LPH thickness in MW-2 decreased from 5.79 feet to 2.87 feet. The LPH thickness in MW-5 stayed steady with an LPH thickness of 5.19 feet in March 2022 and 5.60 feet in December 2022.

4.0 Recommendations

Hess will continue to operate solar sippers in MW-1 and MW-2. A third solar sipper will be installed in MW-5 during the third quarter of 2023. Monthly vacuum events will also continue for wells MW-1, MW-2, and MW-5. The monitoring wells without LPH will continue to be sampled semiannually. Samples will also be collected from MW-1, MW-2, and MW-5 below the LPH to determine if dissolved phase constituents are present in the groundwater.

Tables

Table 1
Summary of Groundwater Gauging Data
Texaco NM State G 4 Battery

Well No.	Casing Diameter (inches)	Top of Casing Elevation (feet)	Date	Top of Casing to LPH (feet)	Top of Casing to Water (feet)	LPH Thickness (feet)	Groundwater Elevation (feet)
MW-1	2	3707.36	6/30/2022	62.00	66.05	4.05	3644.55
			12/8/2022	62.73	64.94	2.21	3644.188
MW-2	2	3706.78	6/30/2022	61.50	64.85	3.35	3644.61
			12/8/2022	62.15	64.15	2.00	3644.23
MW-3	2	3709.31	6/30/2022	NE	63.36	0.0	3645.95
			12/9/2022	NE	63.82	0.0	3645.49
MW-4	2	3707.01	6/30/2022	NE	61.98	0.0	3645.03
			12/9/2022	NE	62.42	0.0	3644.59
MW-5	2	3706.57	6/30/2022	60.95	66.10	5.15	3644.59
			12/8/2022	61.35	67.00	5.65	3644.09
MW-6	2	3708.91	6/30/2022	NE	63.36	0.00	3645.55
			12/8/2022	NE	63.62	0.00	3645.29
MW-7	2	3708.83	6/30/2022	NE	63.32	0.0	3645.51
			12/8/2022	NE	63.65	0.0	3645.18
MW-8	2	3707.36	6/30/2022	NE	62.02	0.0	3645.34
			12/8/2022	NE	62.33	0.00	3645.03

Note:

LPH - Liquid Phase Hydrocarbon

NM - Not Measured

NE - Not Encountered

GeoMonitoring Services

Table 2A
Summary of Groundwater Monitoring Results
BTEX, TPH, Chloride
Texaco NM State G 4 Battery

Sample Identification	Date Sampled	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH-GRO (C6-C10) (mg/L)	TPH-DRO (C10-C28) (mg/L)	TPH EXT-DRO (C28-C36) (mg/L)	Chloride (mg/L)	TDS (mg/L)
NM WQCC Standards:		10	750	750	620	NONE	NONE	NONE	250	1000
MW-1	8/9/2016	<1	<1	<1	<3	NA	NA	NA	NA	NA
	3/30/2021	NOT SAMPLED								
	6/30/2022	NOT SAMPLED								
MW-2	12/21/2016	NOT SAMPLED								
	3/30/2021	NOT SAMPLED								
	6/30/2022	NOT SAMPLED								
MW-3	12/21/2016	0.7	<0.5	<0.5	<2	<1	<1	NA	264	NA
	3/30/2021	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	252	1084
	6/30/2022	<1	<1	<1	<3	<1	<1	<1	272	NA
	12/9/2022	<1	<1	<1	<2	<1	<1	<1	280	NA
MW-4	12/21/2016	4.0	<0.5	<0.5	12	<1	1.58	NA	268	NA
	3/30/2021	2.0	<0.5	<0.5	2	<1	1.20	<1	340	1552
	6/30/2022	<1	<1	<1	<3	<1	<1	<1	600	NA
	12/9/2022	6.0	<1	<1	2	<1	<1	<1	348	NA
MW-5	12/21/2016	32	<0.5	16	110	4.68	13.2	NA	104	NA
	3/30/2021	NOT SAMPLED								
	6/30/2022	NOT SAMPLED								
MW-6	3/30/2021	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	48	826
	6/30/2022	<1	<1	<1	<3	<1	<1	<1	124	NA
	12/8/2022	<1	<1	<1	<2	<1	<1	<1	140	NA
MW-7	3/30/2021	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	380	1464
	6/30/2022	<1	<1	<1	<3	<1	<1	<1	472	NA
	12/8/2022	<1	<1	<1	<2	<1	<1	<1	480	NA
MW-8	3/30/2021	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	368	1526
	6/30/2022	<1	<1	<1	<3	<1	<1	<1	408	NA
	12/8/2022	<1	<1	<1	<2	<1	<1	<1	408	NA
SB-13	11/30/2017	<0.5	<0.5	<1	<2	<1	<1	NA	224	974
SB-14	11/30/2017	<0.5	<0.5	<1	<2	<1	2.44	NA	320	1220
SB-15	11/30/2017	<0.5	<0.5	1	20	4.19	19.6	NA	72	730
SB-16	11/30/2017	<0.5	<0.5	<1	<2	1.66	2.45	NA	72	664
SB-17	11/30/2017	<0.5	<0.5	<1	<2	<1	<1	NA	80	600

NOTE:
 BTEX = Benzene, Toluene, Ethylbenzene, Total Xylenes
 TPH = Total Petroleum Hydrocarbons
 TPH-GRO = Total Petroleum Hydrocarbons Gasoline Range Organics
 TPH-DRO = Total Petroleum Hydrocarbons Diesel Range Organics
 TPH EXT-DRO = Total Petroleum Hydrocarbons Extended Diesel Range Organics
 NM WQCC = New Mexico Water Quality Control Commission
 NA=not analyzed
 µg/L = micrograms per Liter
 mg/L = milligrams per Liter
 NONE = no NM WQCC Standard for this constituent
BOLD values exceed NM WQCC standards

GeoMonitoring Services

Table 2B
Summary of Groundwater Monitoring Results
Polynuclear Aromatic Hydrocarbons
Texaco NM State G 4 Battery

Sample Identification	Date Sampled	Naphthalene (mg/L)	2-Methylnaphthalene (mg/L)	1-Methylnaphthalene (mg/L)	Acenaphthylene (mg/L)	Acenaphthene (mg/L)	Fluorene (mg/L)	Phenanthrene (mg/L)	Anthracene (mg/L)	Carbazole (mg/L)	Fluoranthene (mg/L)	Pyrene (mg/L)	Benzo[a]anthracene (mg/L)	Chrysene (mg/L)	Benzo[b]fluoranthene (mg/L)	Benzo[k]fluoranthene (mg/L)	Benzo[a]pyrene (mg/L)	Indeno[1,2,3-cd]pyrene (mg/L)	Dibenz[a,h]anthracene (mg/L)	Benzo[ghi]perylene (mg/L)
MW-1	12/21/2016	<0.002	0.0	0.0	<0.002	0.003	0.002	0.008	0.008	<0.003	<0.002	<0.002	0.003	0.003	<0.004	<0.006	0.0	<0.002	0.002	<0.004
	3/30/2021																			
MW-2	12/21/2016																			
	3/30/2021																			
MW-3	12/21/2016	<0.0002	<0.0002	<0.00009	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0002	<0.0005
	3/30/2021	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
	6/30/2022	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
	12/8/2022	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
MW-4	12/21/2016	<0.0002	<0.0002	<0.00009	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0007	<0.0002	<0.0002	<0.0002	<0.0005
	3/30/2021	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
	6/30/2022	<0.001	<0.001	0.0006	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
	12/8/2022	<0.001	<0.001	1.0006	<0.001	<0.001	<0.001	1.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
MW-5	12/21/2016	0.002	0.004	0.006	<0.0002	<0.0002	0.001	0.001	0.001	<0.0003	<0.0002	<0.0002	<0.0001	<0.0002	<0.0004	<0.0006	<0.0002	<0.0002	<0.0002	<0.0004
	3/30/2021																			
MW-6	3/30/2021	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
	6/30/2022	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
	12/8/2022	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
MW-7	3/30/2021	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
	6/30/2022	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
	12/8/2022	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
MW-8	3/30/2021	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
	6/30/2022	<0.001	<0.001	<0.0006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
	12/8/2022	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
SB-13	11/30/2017	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
SB-14	11/30/2017	<0.001	<0.001	<0.0005	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
SB-15	11/30/2017	0.01	0.021	0.022	<0.001	<0.001	0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
SB-16	11/30/2017	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001
SB-17	11/30/2017	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001

NOTE:
 NM WQCC = New Mexico Water Quality Control Commission
 mg/L - milligrams per Liter
 NONE = no NM WQCC Standard for this constituent

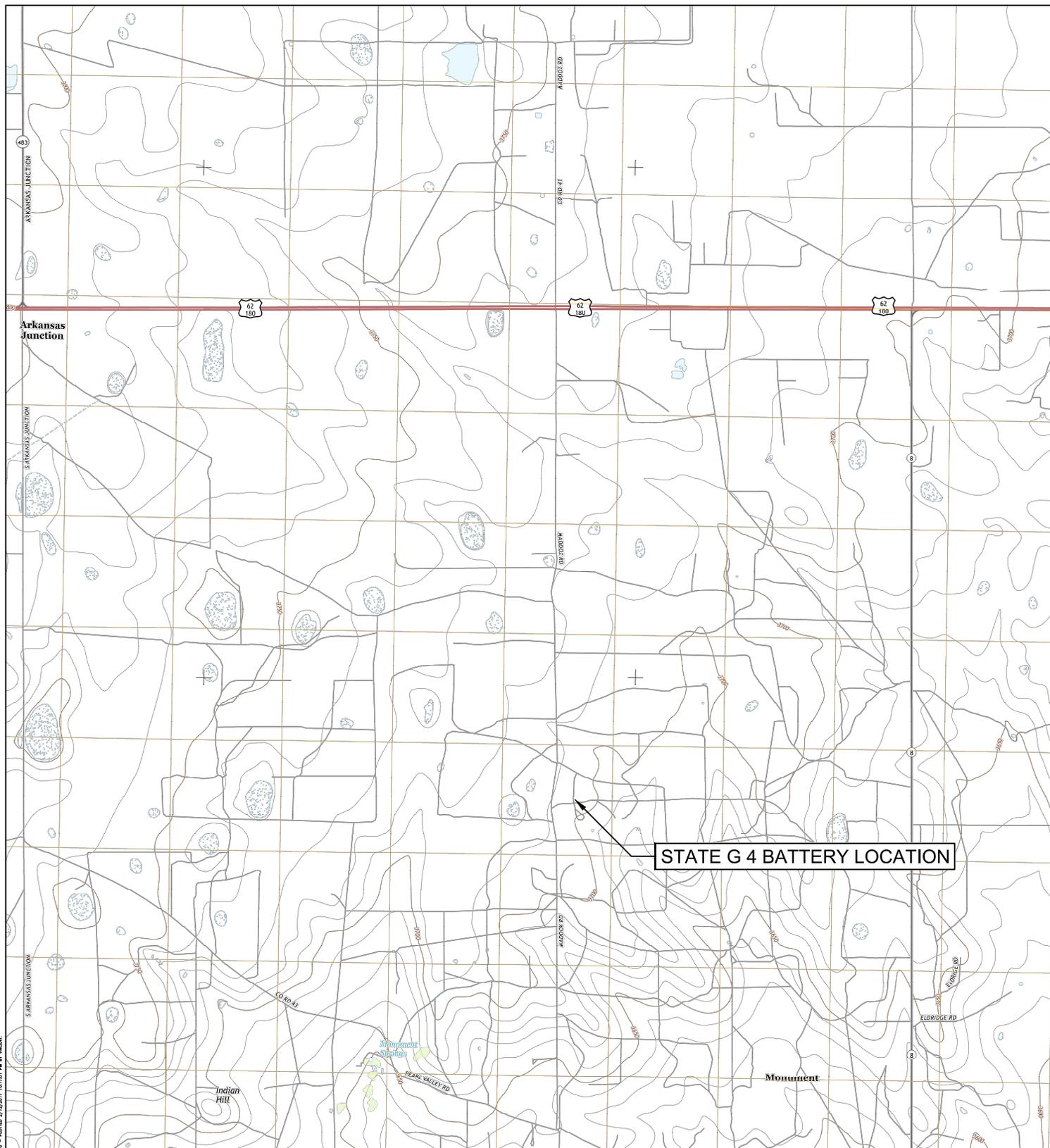
**Table 3
Solar Sipper Recovery Summary
Texaco NM State G 4 Battery**

Well ID	Date	Amount of LPH (gallons)	Amount of Water (gallons)	Total Fluid (gallons)
MW-1	3/29/2022	4.07	40.74	44.81
	4/19/2022	1.63	17.72	19.35
	6/11/2022	4.07	42.78	46.85
	7/9/2022	1.02	28.52	29.54
	8/6/2022	1.02	26.48	27.50
	8/27/2022	2.04	17.31	19.35
	9/24/2022	2.44	22.00	24.44
	10/29/2022	4.28	24.44	28.72
	12/3/2022	7.13	22.41	29.54
	12/31/2022	12.02	8.15	20.17
	Year Total		39.72	250.55
MW-2	7/9/2022	13.20	38.28	51.48
	8/6/2022	10.56	33.00	43.56
	8/27/2022	6.60	15.84	22.44
	9/24/2022	14.52	14.52	29.04
	10/29/2022	18.48	13.20	31.68
	12/3/2022	29.04	0.00	29.04
	12/31/2022	13.20	6.60	19.80
	Year Total		105.60	121.44

Table 4
Monthly Well Vacuuming Summary
Texaco NM State G 4 Battery

Well	Date	Initial Depth to Product (feet)	Initial Depth to Water (feet)	LPH Thickness (feet)	Depth to Product After Vacuuming (feet)	Depth to Water After Vacuuming (feet)	LPH Thickness (feet)
MW-1	3/29/2022	62.10	65.84	3.74	NE	62.29	0
	4/19/2022	62.38	66.82	4.44	62.92	62.94	0.02
	6/11/2022	62.13	66.1	3.97	NE	62.45	0
	7/9/2022	62.00	66.05	4.05	61.85	62.3	0.45
	8/6/2022	62.00	65.39	3.39	61.15	65.54	4.39
	8/27/2022	61.97	65.25	3.28	61.9	65.8	3.9
	9/24/2022	62.24	64.95	2.71	61.9	65.8	3.9
	10/29/2022	62.35	64.9	2.55	62.45	64	1.55
	12/3/2022	62.73	64.94	2.21	-	-	-
	12/31/2022	62.39	65.00	2.61	62.7	62.7	0
MW-2	3/29/2022	61.31	67.10	5.79	NE	68.62	0
	4/19/2022	61.51	68.11	6.60	NE	65.88	0
	6/11/2022	61.43	67.03	5.60	62.05	62.63	0.58
	7/9/2022	61.5	64.85	3.35	61.03	61.5	0.47
	8/6/2022	61.45	64.83	3.38	62.3	64.9	2.6
	8/27/2022	61.4	64.89	3.49	60.75	62.4	1.65
	9/24/2022	61.75	64.50	2.75	62.23	65.2	2.97
	10/29/2022	61.69	64.30	2.61	62.1	62.1	0
	12/3/2022	62.15	64.15	2.00	-	-	-
	12/31/2022	61.88	64.75	2.87	61.82	62.5	0.68
MW-5	3/29/2022	61.01	66.20	5.19	64.09	64.18	0.09
	4/19/2022	61.34	67.05	5.71	62.91	63.1	0.19
	6/11/2022	61.1	66.30	5.20	NE	60.1	0
	7/9/2022	60.95	66.10	5.15	60.3	60.45	0.15
	8/6/2022	60.90	66.50	5.60	59.98	62.2	2.22
	8/27/2022	60.83	66.13	5.30	61.3	61.7	0.40
	9/24/2022	61.00	66.64	5.64	61.19	66.75	5.56
	10/29/2022	61.12	66.90	5.78	61.3	64.9	3.60
	12/3/2022	61.35	67.00	5.65	-	-	-
	12/31/2022	61.15	66.75	5.60	62.75	62.75	0.00

Figures



STATE G 4 BATTERY LOCATION

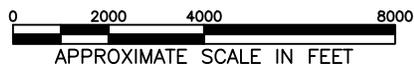
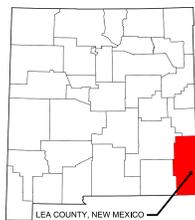


FIGURE 1
 SITE LOCATION MAP
 TEXACO NM STATE G 4 BATTERY
 LEA COUNTY, NEW MEXICO

MAP SOURCE: USGS 7.5 MINUTE SERIES TOPOGRAPHIC MAP - NONUMONT NORTH QUADRANGLE (2017)

DRAWN BY: VMW	DATE: 02/12/17	PROJECT NO: HESS E&P
---------------	----------------	----------------------



Image courtesy of ImagePatch.com © 2017 Microsoft Corporation © 2010 NA



- MONITORING WELL LOCATION
- SOIL BORING LOCATION
- INITIAL SOIL BORING LOCATION

LEGEND

- 3,645.55 GROUNDWATER ELEVATION (IN FEET)
- GROUNDWATER ELEVATION CONTOUR LINE (IN FEET)
- INFERRED GROUNDWATER ELEVATION CONTOUR LINE (IN FEET)

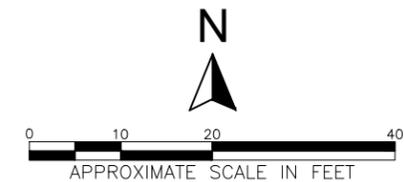


FIGURE 2
GROUNDWATER POTENTIOMETRIC MAP
 JUNE 30, 2022
 TEXACO NM STATE G 4 BATTERY
 LEA COUNTY, NEW MEXICO

DRAWN BY: JFLAKE	DATE: 2/12/23	PROJECT NO: HESS E&P
------------------	---------------	----------------------

NOTE: AERIAL SOURCE - USGS IMAGEPATCH.COM © MICROSOFT CORPORATION.



Image courtesy of ImagePatch.com © 2017 Microsoft Corporation © 2010 NA

GMS
GeoMonitoring Services
Environmental Remediation & Consulting

LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION
- INITIAL SOIL BORING LOCATION
- 3,645.29** GROUNDWATER ELEVATION (IN FEET)
- GROUNDWATER ELEVATION CONTOUR LINE (IN FEET)
- INFERRED GROUNDWATER ELEVATION CONTOUR LINE (IN FEET)

N

0 10 20 40
APPROXIMATE SCALE IN FEET

FIGURE 3
GROUNDWATER POTENTIOMETRIC MAP
DECEMBER 8, 2022
TEXACO NM STATE G 4 BATTERY
LEA COUNTY, NEW MEXICO

DRAWN BY: JFLAKE	DATE: 2/12/23	PROJECT NO: HESS E&P
------------------	---------------	----------------------

NOTE: AERIAL SOURCE - USGS IMAGEPATCH.COM © MICROSOFT CORPORATION.

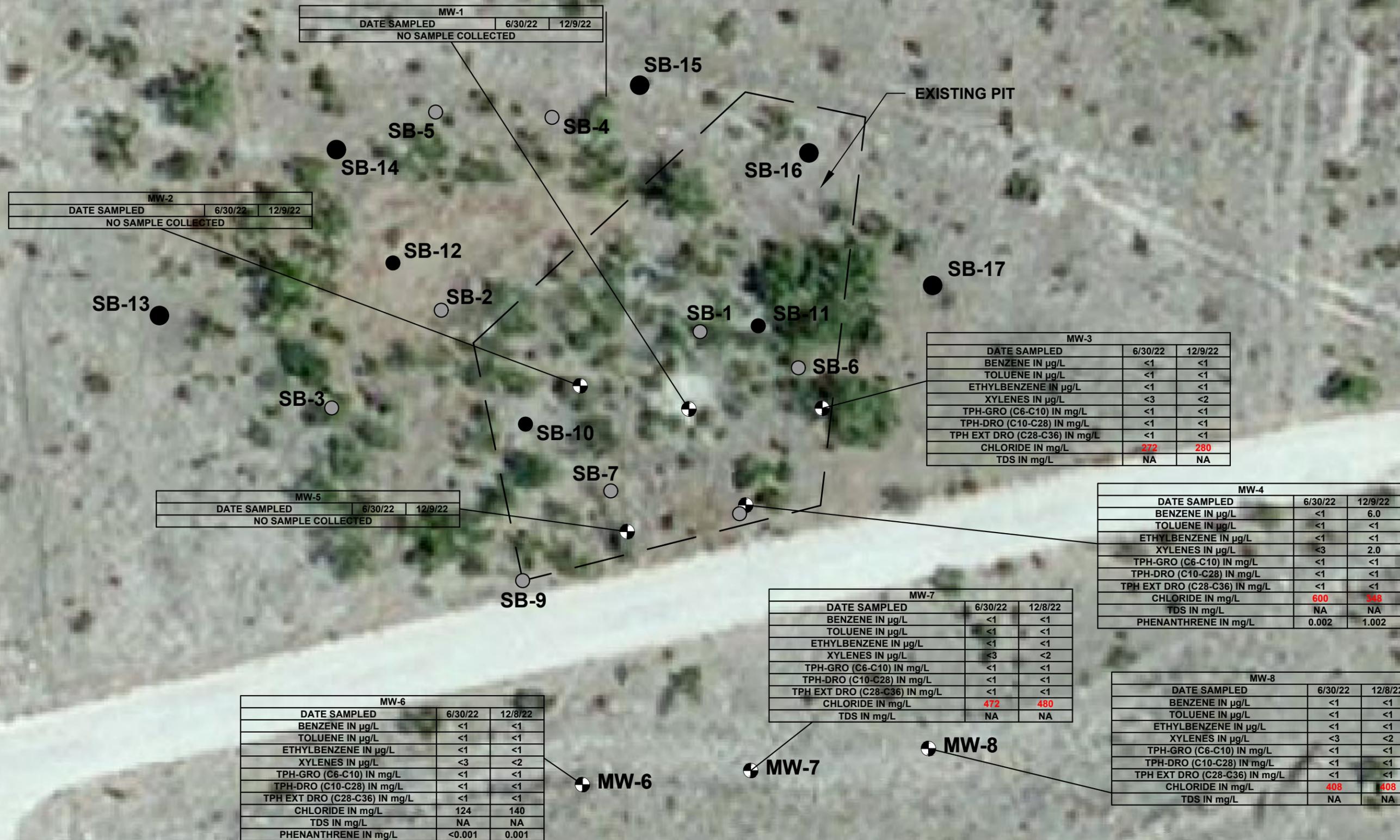


Image courtesy of ImagePatch.com © 2017 Microsoft Corporation © 2010 NA



NOTE: AERIAL SOURCE - USGS IMAGEPATCH.COM © MICROSOFT CORPORATION. FOR EACH SAMPLE COLLECTED, BTEX, TPH, CHLORIDE, AND TDS DATA IS SHOWN. FOR PAH'S, ONLY CONSTITUENTS WHICH WERE DETECTED ARE SHOWN. ANALYTICAL DATA DISPLAYED IN RED EXCEEDS THE NEW MEXICO WATER QUALITY CONTROL COMMISSION STANDARDS.

- LEGEND**
- MONITORING WELL LOCATION
 - SOIL BORING LOCATION
 - INITIAL SOIL BORING LOCATION
 - NA - NOT ANALYZED

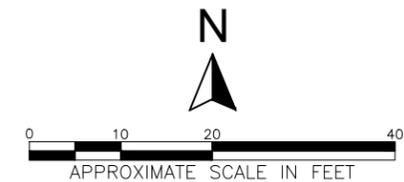


FIGURE 4
GROUNDWATER ANALYTICAL MAP
JUNE/DECEMBER 2022
TEXACO NM STATE G 4 BATTERY
LEA COUNTY, NEW MEXICO

DRAWN BY: JFLAKE DATE: 2/12/23 PROJECT NO: HESS E&P

Attachment 1



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 15, 2022

BRAD FREEMAN
AXIS ENVIROMENTAL
121 INDIAN RIDGE RD
BELTON, TX 76513

RE: G STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 06/30/22 13:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 3	H222809-01	Water	30-Jun-22 11:55	30-Jun-22 13:15
MW 4	H222809-02	Water	30-Jun-22 12:30	30-Jun-22 13:15
MW 6	H222809-03	Water	30-Jun-22 09:00	30-Jun-22 13:15
MW 7	H222809-04	Water	30-Jun-22 09:50	30-Jun-22 13:15
MW 8	H222809-05	Water	30-Jun-22 10:35	30-Jun-22 13:15

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL
121 INDIAN RIDGE RD
BELTON TX, 76513

Project: G STATE 4
Project Number: NONE GIVEN
Project Manager: BRAD FREEMAN
Fax To:

Reported:
15-Jul-22 14:19

MW 3**H222809-01 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride*	272		4.00	mg/L	1	2062814	GM	30-Jun-22	4500-Cl-B	
-----------	-----	--	------	------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Toluene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Total Xylenes*	<0.003		0.003	mg/L	1	2062922	JH	05-Jul-22	8021B	
Total BTEX	<0.006		0.006	mg/L	1	2062922	JH	05-Jul-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.1-124 2062922 JH 05-Jul-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	QR-03
DRO >C10-C28*	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	QR-03
EXT DRO >C28-C36	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	

Surrogate: 1-Chlorooctane 74.6 % 44.9-146 2070516 MS 05-Jul-22 8015B

Surrogate: 1-Chlorooctadecane 83.0 % 39.8-162 2070516 MS 05-Jul-22 8015B

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
2-Methylnaphthalene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
1-Methylnaphthalene	<0.0005		0.0005	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Acenaphthylene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Acenaphthene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Fluorene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Phenanthrene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Anthracene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Carbazole*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Fluoranthene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Pyrene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

**MW 3
H222809-01 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Polynuclear Aromatic Compounds by GC/MS

Benzo[a]anthracene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Chrysene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Benzo[b]flouranthene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Benzo[k]flouranthene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Benzo[a]pyrene*	<0.0002		0.0002	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Indeno[1,2,3-cd]pyrene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Dibenz[a,h]anthracene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Benzo[g,h,i]perylene*	<0.001		0.001	mg/L	1.08	2070515	MS	14-Jul-22	8270C	
Surrogate: Nitrobenzene-d5			55.5 %	20.3-96.6		2070515	MS	14-Jul-22	8270C	
Surrogate: 2-Fluorobiphenyl			57.4 %	18.9-97.9		2070515	MS	14-Jul-22	8270C	
Surrogate: Terphenyl-d14			60.2 %	14.7-112		2070515	MS	14-Jul-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL
121 INDIAN RIDGE RD
BELTON TX, 76513

Project: G STATE 4
Project Number: NONE GIVEN
Project Manager: BRAD FREEMAN
Fax To:

Reported:
15-Jul-22 14:19

MW 4**H222809-02 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride*	600		4.00	mg/L	1	2062814	GM	30-Jun-22	4500-Cl-B	
-----------	-----	--	------	------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Toluene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Total Xylenes*	<0.003		0.003	mg/L	1	2062922	JH	05-Jul-22	8021B	
Total BTEX	<0.006		0.006	mg/L	1	2062922	JH	05-Jul-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	77.1-124		2062922	JH	05-Jul-22	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	
DRO >C10-C28*	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	
EXT DRO >C28-C36	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	

Surrogate: 1-Chlorooctane			69.0 %	44.9-146		2070516	MS	05-Jul-22	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			76.7 %	39.8-162		2070516	MS	05-Jul-22	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
2-Methylnaphthalene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
1-Methylnaphthalene	0.0006		0.0005	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Acenaphthylene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Acenaphthene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Fluorene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Phenanthrene*	0.002		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Anthracene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Carbazole*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Fluoranthene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Pyrene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Benzo[a]anthracene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

**MW 4
H222809-02 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Polynuclear Aromatic Compounds by GC/MS

Chrysene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Benzo[b]flouranthene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Benzo[k]flouranthene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Benzo[a]pyrene*	<0.0002		0.0002	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Indeno[1,2,3-cd]pyrene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Dibenz[a,h]anthracene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Benzo[g,h,i]perylene*	<0.001		0.001	mg/L	1.09	2070515	MS	14-Jul-22	8270C	
Surrogate: Nitrobenzene-d5			49.8 %	20.3-96.6		2070515	MS	14-Jul-22	8270C	
Surrogate: 2-Fluorobiphenyl			38.6 %	18.9-97.9		2070515	MS	14-Jul-22	8270C	
Surrogate: Terphenyl-d14			29.7 %	14.7-112		2070515	MS	14-Jul-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL
121 INDIAN RIDGE RD
BELTON TX, 76513

Project: G STATE 4
Project Number: NONE GIVEN
Project Manager: BRAD FREEMAN
Fax To:

Reported:
15-Jul-22 14:19

MW 6**H222809-03 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride*	124		4.00	mg/L	1	2062814	GM	30-Jun-22	4500-CI-B	
-----------	-----	--	------	------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Toluene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Total Xylenes*	<0.003		0.003	mg/L	1	2062922	JH	05-Jul-22	8021B	
Total BTEX	<0.006		0.006	mg/L	1	2062922	JH	05-Jul-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	77.1-124		2062922	JH	05-Jul-22	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	
DRO >C10-C28*	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	
EXT DRO >C28-C36	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	

Surrogate: 1-Chlorooctane			74.6 %	44.9-146		2070516	MS	05-Jul-22	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			83.4 %	39.8-162		2070516	MS	05-Jul-22	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
2-Methylnaphthalene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
1-Methylnaphthalene	<0.0005		0.0005	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Acenaphthylene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Acenaphthene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Fluorene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Phenanthrene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Anthracene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Carbazole*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Fluoranthene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Pyrene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Benzo[a]anthracene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

**MW 6
H222809-03 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Polynuclear Aromatic Compounds by GC/MS

Chrysene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Benzo[b]flouranthene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Benzo[k]flouranthene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Benzo[a]pyrene*	<0.0002		0.0002	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Indeno[1,2,3-cd]pyrene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Dibenz[a,h]anthracene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Benzo[g,h,i]perylene*	<0.001		0.001	mg/L	1.05	2070515	MS	14-Jul-22	8270C	
Surrogate: Nitrobenzene-d5			33.2 %	20.3-96.6		2070515	MS	14-Jul-22	8270C	
Surrogate: 2-Fluorobiphenyl			26.2 %	18.9-97.9		2070515	MS	14-Jul-22	8270C	
Surrogate: Terphenyl-d14			28.4 %	14.7-112		2070515	MS	14-Jul-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL
121 INDIAN RIDGE RD
BELTON TX, 76513

Project: G STATE 4
Project Number: NONE GIVEN
Project Manager: BRAD FREEMAN
Fax To:

Reported:
15-Jul-22 14:19

MW 7**H222809-04 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride*	472		4.00	mg/L	1	2062814	GM	30-Jun-22	4500-Cl-B	
-----------	-----	--	------	------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Toluene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Total Xylenes*	<0.003		0.003	mg/L	1	2062922	JH	05-Jul-22	8021B	
Total BTEX	<0.006		0.006	mg/L	1	2062922	JH	05-Jul-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.1-124 2062922 JH 05-Jul-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	
DRO >C10-C28*	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	
EXT DRO >C28-C36	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	

Surrogate: 1-Chlorooctane 69.9 % 44.9-146 2070516 MS 05-Jul-22 8015B

Surrogate: 1-Chlorooctadecane 76.2 % 39.8-162 2070516 MS 05-Jul-22 8015B

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
2-Methylnaphthalene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
1-Methylnaphthalene	<0.0005		0.0005	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Acenaphthylene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Acenaphthene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Fluorene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Phenanthrene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Anthracene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Carbazole*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Fluoranthene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Pyrene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Benzo[a]anthracene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

**MW 7
H222809-04 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Polynuclear Aromatic Compounds by GC/MS

Chrysene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Benzo[b]flouranthene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Benzo[k]flouranthene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Benzo[a]pyrene*	<0.0002		0.0002	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Indeno[1,2,3-cd]pyrene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Dibenz[a,h]anthracene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Benzo[g,h,i]perylene*	<0.001		0.001	mg/L	1.04	2070515	MS	14-Jul-22	8270C	
Surrogate: Nitrobenzene-d5			35.5 %	20.3-96.6		2070515	MS	14-Jul-22	8270C	
Surrogate: 2-Fluorobiphenyl			29.7 %	18.9-97.9		2070515	MS	14-Jul-22	8270C	
Surrogate: Terphenyl-d14			27.3 %	14.7-112		2070515	MS	14-Jul-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

**MW 8
H222809-05 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Inorganic Compounds

Chloride*	408		4.00	mg/L	1	2062814	GM	30-Jun-22	4500-CI-B	
-----------	-----	--	------	------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Toluene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	2062922	JH	05-Jul-22	8021B	
Total Xylenes*	<0.003		0.003	mg/L	1	2062922	JH	05-Jul-22	8021B	
Total BTEX	<0.006		0.006	mg/L	1	2062922	JH	05-Jul-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.4 %	77.1-124		2062922	JH	05-Jul-22	8021B	
---------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	
DRO >C10-C28*	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	
EXT DRO >C28-C36	<1.00		1.00	mg/L	0.1	2070516	MS	05-Jul-22	8015B	

Surrogate: 1-Chlorooctane			75.3 %	44.9-146		2070516	MS	05-Jul-22	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			83.6 %	39.8-162		2070516	MS	05-Jul-22	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
2-Methylnaphthalene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
1-Methylnaphthalene	<0.0006		0.0006	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Acenaphthylene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Acenaphthene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Fluorene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Phenanthrene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Anthracene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Carbazole*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Fluoranthene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Pyrene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Benzo[a]anthracene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

MW 8

H222809-05 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Polynuclear Aromatic Compounds by GC/MS

Chrysene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Benzo[b]flouranthene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Benzo[k]flouranthene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Benzo[a]pyrene*	<0.0002		0.0002	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Indeno[1,2,3-cd]pyrene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Dibenz[a,h]anthracene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Benzo[g,h,i]perylene*	<0.001		0.001	mg/L	1.11	2070515	MS	14-Jul-22	8270C	
Surrogate: Nitrobenzene-d5			46.0 %	20.3-96.6		2070515	MS	14-Jul-22	8270C	
Surrogate: 2-Fluorobiphenyl			41.7 %	18.9-97.9		2070515	MS	14-Jul-22	8270C	
Surrogate: Terphenyl-d14			41.9 %	14.7-112		2070515	MS	14-Jul-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2062814 - General Prep - Wet Chem										
Blank (2062814-BLK1)										
Prepared & Analyzed: 28-Jun-22										
Chloride	ND	4.00	mg/L							
LCS (2062814-BS1)										
Prepared & Analyzed: 28-Jun-22										
Chloride	104	4.00	mg/L	100		104	80-120			
LCS Dup (2062814-BSD1)										
Prepared & Analyzed: 28-Jun-22										
Chloride	104	4.00	mg/L	100		104	80-120	0.00	20	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-JUL-22 14:19
--	--	------------------------------

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2062922 - Volatiles

Blank (2062922-BLK1)

Prepared: 29-Jun-22 Analyzed: 05-Jul-22

Benzene	ND	0.001	mg/L							
Toluene	ND	0.001	mg/L							
Ethylbenzene	ND	0.001	mg/L							
Total Xylenes	ND	0.003	mg/L							
Total BTEX	ND	0.006	mg/L							
Surrogate: 4-Bromofluorobenzene (PID)	0.0522		mg/L	0.0500		104	77.1-124			

LCS (2062922-BS1)

Prepared: 29-Jun-22 Analyzed: 05-Jul-22

Benzene	0.021	0.001	mg/L	0.0200		104	94.7-118			
Toluene	0.020	0.001	mg/L	0.0200		100	89-115			
Ethylbenzene	0.021	0.001	mg/L	0.0200		103	94-114			
m,p-Xylene	0.043	0.002	mg/L	0.0400		107	94.6-114			
o-Xylene	0.020	0.001	mg/L	0.0200		102	94.6-114			
Total Xylenes	0.063	0.003	mg/L	0.0600		105	94.6-114			
Surrogate: 4-Bromofluorobenzene (PID)	0.0536		mg/L	0.0500		107	77.1-124			

LCS Dup (2062922-BSD1)

Prepared: 29-Jun-22 Analyzed: 05-Jul-22

Benzene	0.022	0.001	mg/L	0.0200		108	94.7-118	3.60	3.83	
Toluene	0.021	0.001	mg/L	0.0200		103	89-115	2.38	3.48	
Ethylbenzene	0.021	0.001	mg/L	0.0200		104	94-114	1.10	3.79	
m,p-Xylene	0.043	0.002	mg/L	0.0400		108	94.6-114	1.33	3.91	
o-Xylene	0.021	0.001	mg/L	0.0200		104	94.6-114	1.90	3.91	
Total Xylenes	0.064	0.003	mg/L	0.0600		107	94.6-114	1.51	3.91	
Surrogate: 4-Bromofluorobenzene (PID)	0.0514		mg/L	0.0500		103	77.1-124			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2070516 - General Prep - Organics

Blank (2070516-BLK1)

Prepared & Analyzed: 05-Jul-22

GRO C6-C10	ND	1.00	mg/L							
DRO >C10-C28	ND	1.00	mg/L							
EXT DRO >C28-C36	ND	1.00	mg/L							
Surrogate: 1-Chlorooctane	3.48		mg/L	5.00		69.7	44.9-146			
Surrogate: 1-Chlorooctadecane	3.85		mg/L	5.00		76.9	39.8-162			

LCS (2070516-BS1)

Prepared & Analyzed: 05-Jul-22

GRO C6-C10	44.4	1.00	mg/L	50.0		88.7	72.4-116			
DRO >C10-C28	45.7	1.00	mg/L	50.0		91.3	70-121			
Surrogate: 1-Chlorooctane	5.00		mg/L	5.00		100	44.9-146			
Surrogate: 1-Chlorooctadecane	5.35		mg/L	5.00		107	39.8-162			

LCS Dup (2070516-BSD1)

Prepared & Analyzed: 05-Jul-22

GRO C6-C10	44.6	1.00	mg/L	50.0		89.2	72.4-116	0.537	8.73	
DRO >C10-C28	45.6	1.00	mg/L	50.0		91.2	70-121	0.142	24.8	
Surrogate: 1-Chlorooctane	5.35		mg/L	5.00		107	44.9-146			
Surrogate: 1-Chlorooctadecane	5.73		mg/L	5.00		115	39.8-162			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

Polynuclear Aromatic Compounds by GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2070515 - SW846-3510

Blank (2070515-BLK1)

Prepared: 05-Jul-22 Analyzed: 14-Jul-22

Naphthalene	ND	0.001	mg/L							
2-Methylnaphthalene	ND	0.001	mg/L							
1-Methylnaphthalene	ND	0.0005	mg/L							
Acenaphthylene	ND	0.001	mg/L							
Acenaphthene	ND	0.001	mg/L							
Fluorene	ND	0.001	mg/L							
Phenanthrene	ND	0.001	mg/L							
Anthracene	ND	0.001	mg/L							
Carbazole	ND	0.001	mg/L							
Fluoranthene	ND	0.001	mg/L							
Pyrene	ND	0.001	mg/L							
Benzo[a]anthracene	ND	0.001	mg/L							
Chrysene	ND	0.001	mg/L							
Benzo[b]flouranthene	ND	0.001	mg/L							
Benzo[k]flouranthene	ND	0.001	mg/L							
Benzo[a]pyrene	ND	0.0002	mg/L							
Indeno[1,2,3-cd]pyrene	ND	0.001	mg/L							
Dibenz[a,h]anthracene	ND	0.001	mg/L							
Benzo[g,h,i]perylene	ND	0.001	mg/L							
<hr/>										
Surrogate: Nitrobenzene-d5	0.0267		mg/L	0.0500		53.5	20.3-96.6			
Surrogate: 2-Fluorobiphenyl	0.0223		mg/L	0.0500		44.6	18.9-97.9			
Surrogate: Terphenyl-d14	0.0272		mg/L	0.0500		54.5	14.7-112			

LCS (2070515-BS1)

Prepared: 05-Jul-22 Analyzed: 14-Jul-22

Naphthalene	0.004	0.001	mg/L	0.0100		39.7	18.1-117			
2-Methylnaphthalene	0.004	0.001	mg/L	0.0100		41.2	21-115			
1-Methylnaphthalene	0.004	0.0005	mg/L	0.0100		41.3	21.2-116			
Acenaphthylene	0.004	0.001	mg/L	0.0100		41.2	24.2-119			
Acenaphthene	0.005	0.001	mg/L	0.0100		47.9	21.5-122			
Fluorene	0.005	0.001	mg/L	0.0100		50.7	22.9-124			
Phenanthrene	0.005	0.001	mg/L	0.0100		52.6	25.6-128			
Anthracene	0.005	0.001	mg/L	0.0100		50.7	27-127			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

Polynuclear Aromatic Compounds by GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2070515 - SW846-3510

LCS (2070515-BS1)

Prepared: 05-Jul-22 Analyzed: 14-Jul-22

Carbazole	0.005	0.001	mg/L	0.0100		54.2	26.4-128			
Fluoranthene	0.005	0.001	mg/L	0.0100		53.6	27.2-128			
Pyrene	0.006	0.001	mg/L	0.0100		58.7	19.1-137			
Benzo[a]anthracene	0.006	0.001	mg/L	0.0100		56.8	21.9-134			
Chrysene	0.006	0.001	mg/L	0.0100		56.9	22.2-133			
Benzo[b]fluoranthene	0.006	0.001	mg/L	0.0100		57.5	20.4-144			
Benzo[k]fluoranthene	0.006	0.001	mg/L	0.0100		59.5	21.8-139			
Benzo[a]pyrene	0.005	0.0002	mg/L	0.0100		52.8	23.6-140			
Indeno[1,2,3-cd]pyrene	0.006	0.001	mg/L	0.0100		60.0	21.8-132			
Dibenz[a,h]anthracene	0.006	0.001	mg/L	0.0100		58.2	20.3-133			
Benzo[g,h,i]perylene	0.006	0.001	mg/L	0.0100		57.4	24.8-126			
Surrogate: Nitrobenzene-d5	0.0220		mg/L	0.0500		43.9	20.3-96.6			
Surrogate: 2-Fluorobiphenyl	0.0228		mg/L	0.0500		45.6	18.9-97.9			
Surrogate: Terphenyl-d14	0.0300		mg/L	0.0500		60.0	14.7-112			

LCS Dup (2070515-BSD1)

Prepared: 05-Jul-22 Analyzed: 14-Jul-22

Naphthalene	0.004	0.001	mg/L	0.0100		39.2	18.1-117	1.27	3.46	
2-Methylnaphthalene	0.004	0.001	mg/L	0.0100		41.4	21-115	0.484	4.47	
1-Methylnaphthalene	0.004	0.0005	mg/L	0.0100		42.2	21.2-116	2.16	4.3	
Acenaphthylene	0.004	0.001	mg/L	0.0100		42.8	24.2-119	3.81	3.88	
Acenaphthene	0.005	0.001	mg/L	0.0100		49.5	21.5-122	3.29	3.77	
Fluorene	0.005	0.001	mg/L	0.0100		52.8	22.9-124	4.06	4.31	
Phenanthrene	0.005	0.001	mg/L	0.0100		54.8	25.6-128	4.10	5.04	
Anthracene	0.005	0.001	mg/L	0.0100		51.5	27-127	1.57	4.49	
Carbazole	0.006	0.001	mg/L	0.0100		57.4	26.4-128	5.73	4.78	QR-04
Fluoranthene	0.006	0.001	mg/L	0.0100		55.8	27.2-128	4.02	6.19	
Pyrene	0.006	0.001	mg/L	0.0100		55.5	19.1-137	5.60	7.75	
Benzo[a]anthracene	0.006	0.001	mg/L	0.0100		55.2	21.9-134	2.86	3.03	
Chrysene	0.006	0.001	mg/L	0.0100		57.0	22.2-133	0.176	3.42	
Benzo[b]fluoranthene	0.006	0.001	mg/L	0.0100		58.8	20.4-144	2.24	6.95	
Benzo[k]fluoranthene	0.006	0.001	mg/L	0.0100		57.5	21.8-139	3.42	8.16	
Benzo[a]pyrene	0.005	0.0002	mg/L	0.0100		53.5	23.6-140	1.32	3.27	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 15-Jul-22 14:19
--	--	------------------------------

Polynuclear Aromatic Compounds by GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2070515 - SW846-3510

LCS Dup (2070515-BSD1)

Prepared: 05-Jul-22 Analyzed: 14-Jul-22

Indeno[1,2,3-cd]pyrene	0.006	0.001	mg/L	0.0100		61.2	21.8-132	1.98	4.11	
Dibenz[a,h]anthracene	0.006	0.001	mg/L	0.0100		59.0	20.3-133	1.37	4.77	
Benzo[g,h,i]perylene	0.006	0.001	mg/L	0.0100		60.1	24.8-126	4.60	6.35	
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.0215</i>		mg/L	<i>0.0500</i>		<i>43.0</i>	<i>20.3-96.6</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.0224</i>		mg/L	<i>0.0500</i>		<i>44.8</i>	<i>18.9-97.9</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>0.0288</i>		mg/L	<i>0.0500</i>		<i>57.7</i>	<i>14.7-112</i>			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: AXIS EM Project Manager: Brad Freeman Address: 121 Indian Ridge Rd City: Bellevue State: NM zip: 76513 Phone #: 713-417-6141 Fax #: _____ Project #: _____ Project Owner: _____ Project Name: G State 4 Project Location: _____ Sampler Name: _____		BILL TO P.O. #: G State 4 Company: _____ Attn: _____ Address: bffreeman@axis-em.com City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST	
Lab I.D. H222809 Sample I.D. _____		(G)RAB OR (C)OMP. _____ # CONTAINERS _____		MATRIX GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____	
FOR LAB USE ONLY		PRESERV. _____ SAMPLING _____		DATE _____ TIME _____	
1 NW 3 2 NW 4 3 NW 5 4 NW 7 5 NW 8		X X		6/30/22 1155 1230 0900 0950 1035	
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____		REMARKS: Email Brad Freeman.	
Relinquished By: Brad Freeman Date: 6/30/22 Time: 1313		Received By: Bowena [Signature] Date: _____ Time: _____		CHECKED BY: [Signature] (Initials)	
Delivered By: (Circle One) _____ Observed Temp. °C 2.6 Corrected Temp. °C 2.1		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C _____	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 21, 2022

BRAD FREEMAN
AXIS ENVIROMENTAL
121 INDIAN RIDGE RD
BELTON, TX 76513

RE: G STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 12/09/22 9:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 3	H225804-01	Water	09-Dec-22 08:30	09-Dec-22 09:45
MW 4	H225804-02	Water	09-Dec-22 07:40	09-Dec-22 09:45
MW 8	H225804-03	Water	08-Dec-22 16:30	09-Dec-22 09:45
MW 7	H225804-04	Water	08-Dec-22 15:40	09-Dec-22 09:45
MW 6	H225804-05	Water	08-Dec-22 14:50	09-Dec-22 09:45

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

MW 3

H225804-01 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Inorganic Compounds

Chloride*	280		4.00	mg/L	1	2120518	AC	09-Dec-22	4500-Cl-B	
------------------	------------	--	------	------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Toluene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Total Xylenes*	<0.002		0.002	mg/L	1	2120607	MS	09-Dec-22	8021B	
Total BTEX	<0.006		0.006	mg/L	1	2120607	MS	09-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			111 %		77.1-124	2120607	MS	09-Dec-22	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	
DRO >C10-C28*	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.7 %		44.9-146	2120918	MS	13-Dec-22	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			93.7 %		39.8-162	2120918	MS	13-Dec-22	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
2-Methylnaphthalene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
1-Methylnaphthalene	<0.0005		0.0005	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Acenaphthylene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Acenaphthene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Fluorene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Phenanthrene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Anthracene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Carbazole*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Fluoranthene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Pyrene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

**MW 3
H225804-01 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Polynuclear Aromatic Compounds by GC/MS

Benzo[a]anthracene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Chrysene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Benzo[b]flouranthene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Benzo[k]flouranthene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Benzo[a]pyrene*	<0.0002		0.0002	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Indeno[1,2,3-cd]pyrene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Dibenz[a,h]anthracene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Benzo[g,h,i]perylene*	<0.001		0.001	mg/L	1.01	2120901	CK	20-Dec-22	8270C	
Surrogate: Nitrobenzene-d5			39.3 %	20.3-96.6		2120901	CK	20-Dec-22	8270C	
Surrogate: 2-Fluorobiphenyl			47.2 %	18.9-97.9		2120901	CK	20-Dec-22	8270C	
Surrogate: Terphenyl-d14			39.8 %	14.7-112		2120901	CK	20-Dec-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

**MW 4
H225804-02 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Inorganic Compounds

Chloride*	348		4.00	mg/L	1	2120518	AC	09-Dec-22	4500-Cl-B	
------------------	------------	--	------	------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	0.006		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Toluene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Total Xylenes*	0.002		0.002	mg/L	1	2120607	MS	09-Dec-22	8021B	
Total BTEX	0.008		0.006	mg/L	1	2120607	MS	09-Dec-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			115 %	77.1-124		2120607	MS	09-Dec-22	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	
DRO >C10-C28*	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.0 %	44.9-146		2120918	MS	13-Dec-22	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			99.5 %	39.8-162		2120918	MS	13-Dec-22	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
2-Methylnaphthalene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
1-Methylnaphthalene	<0.0006		0.0006	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Acenaphthylene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Acenaphthene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Fluorene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Phenanthrene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Anthracene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Carbazole*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Fluoranthene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Pyrene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Benzo[a]anthracene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

**MW 4
H225804-02 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Polynuclear Aromatic Compounds by GC/MS

Chrysene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Benzo[b]flouranthene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Benzo[k]flouranthene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Benzo[a]pyrene*	<0.0002		0.0002	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Indeno[1,2,3-cd]pyrene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Dibenz[a,h]anthracene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Benzo[g,h,i]perylene*	<0.001		0.001	mg/L	1.16	2120901	CK	20-Dec-22	8270C	
Surrogate: Nitrobenzene-d5			60.0 %	20.3-96.6		2120901	CK	20-Dec-22	8270C	
Surrogate: 2-Fluorobiphenyl			64.9 %	18.9-97.9		2120901	CK	20-Dec-22	8270C	
Surrogate: Terphenyl-d14			57.1 %	14.7-112		2120901	CK	20-Dec-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL
121 INDIAN RIDGE RD
BELTON TX, 76513

Project: G STATE 4
Project Number: NONE GIVEN
Project Manager: BRAD FREEMAN
Fax To:

Reported:
21-Dec-22 15:28

MW 8**H225804-03 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride*	408		4.00	mg/L	1	2120518	AC	09-Dec-22	4500-Cl-B	
-----------	-----	--	------	------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Toluene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Total Xylenes*	<0.002		0.002	mg/L	1	2120607	MS	09-Dec-22	8021B	
Total BTEX	<0.006		0.006	mg/L	1	2120607	MS	09-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	77.1-124		2120607	MS	09-Dec-22	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	
DRO >C10-C28*	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			102 %	44.9-146		2120918	MS	13-Dec-22	8015B	
---------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			115 %	39.8-162		2120918	MS	13-Dec-22	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
2-Methylnaphthalene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
1-Methylnaphthalene	<0.0005		0.0005	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Acenaphthylene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Acenaphthene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Fluorene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Phenanthrene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Anthracene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Carbazole*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Fluoranthene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Pyrene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Benzo[a]anthracene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

**MW 8
H225804-03 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Polynuclear Aromatic Compounds by GC/MS

Chrysene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Benzo[b]flouranthene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Benzo[k]flouranthene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Benzo[a]pyrene*	<0.0002		0.0002	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Indeno[1,2,3-cd]pyrene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Dibenz[a,h]anthracene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Benzo[g,h,i]perylene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Surrogate: Nitrobenzene-d5			41.6 %	20.3-96.6		2120901	CK	20-Dec-22	8270C	
Surrogate: 2-Fluorobiphenyl			52.7 %	18.9-97.9		2120901	CK	20-Dec-22	8270C	
Surrogate: Terphenyl-d14			50.0 %	14.7-112		2120901	CK	20-Dec-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL
121 INDIAN RIDGE RD
BELTON TX, 76513

Project: G STATE 4
Project Number: NONE GIVEN
Project Manager: BRAD FREEMAN
Fax To:

Reported:
21-Dec-22 15:28

MW 7**H225804-04 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride*	480		4.00	mg/L	1	2120518	AC	09-Dec-22	4500-Cl-B	
-----------	-----	--	------	------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Toluene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Total Xylenes*	<0.002		0.002	mg/L	1	2120607	MS	09-Dec-22	8021B	
Total BTEX	<0.006		0.006	mg/L	1	2120607	MS	09-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	77.1-124		2120607	MS	09-Dec-22	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	
DRO >C10-C28*	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			110 %	44.9-146		2120918	MS	13-Dec-22	8015B	
---------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			126 %	39.8-162		2120918	MS	13-Dec-22	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
2-Methylnaphthalene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
1-Methylnaphthalene	<0.0005		0.0005	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Acenaphthylene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Acenaphthene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Fluorene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Phenanthrene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Anthracene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Carbazole*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Fluoranthene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Pyrene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Benzo[a]anthracene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

MW 7

H225804-04 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Polynuclear Aromatic Compounds by GC/MS

Chrysene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Benzo[b]flouranthene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Benzo[k]flouranthene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Benzo[a]pyrene*	<0.0002		0.0002	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Indeno[1,2,3-cd]pyrene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Dibenz[a,h]anthracene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Benzo[g,h,i]perylene*	<0.001		0.001	mg/L	1.053	2120901	CK	20-Dec-22	8270C	
Surrogate: Nitrobenzene-d5			53.4 %	20.3-96.6		2120901	CK	20-Dec-22	8270C	
Surrogate: 2-Fluorobiphenyl			61.3 %	18.9-97.9		2120901	CK	20-Dec-22	8270C	
Surrogate: Terphenyl-d14			57.3 %	14.7-112		2120901	CK	20-Dec-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL
121 INDIAN RIDGE RD
BELTON TX, 76513

Project: G STATE 4
Project Number: NONE GIVEN
Project Manager: BRAD FREEMAN
Fax To:

Reported:
21-Dec-22 15:28

MW 6
H225804-05 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride*	140		4.00	mg/L	1	2120518	AC	09-Dec-22	4500-Cl-B	
-----------	-----	--	------	------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Toluene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	2120607	MS	09-Dec-22	8021B	
Total Xylenes*	<0.002		0.002	mg/L	1	2120607	MS	09-Dec-22	8021B	
Total BTEX	<0.006		0.006	mg/L	1	2120607	MS	09-Dec-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	77.1-124		2120607	MS	09-Dec-22	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	
DRO >C10-C28*	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	
EXT DRO >C28-C36	<1.00		1.00	mg/L	0.1	2120918	MS	13-Dec-22	8015B	

Surrogate: 1-Chlorooctane			83.3 %	44.9-146		2120918	MS	13-Dec-22	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			92.5 %	39.8-162		2120918	MS	13-Dec-22	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Polynuclear Aromatic Compounds by GC/MS

Naphthalene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
2-Methylnaphthalene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
1-Methylnaphthalene	<0.0005		0.0005	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Acenaphthylene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Acenaphthene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Fluorene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Phenanthrene*	0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Anthracene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Carbazole*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Fluoranthene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Pyrene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Benzo[a]anthracene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

**MW 6
H225804-05 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Polynuclear Aromatic Compounds by GC/MS

Chrysene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Benzo[b]flouranthene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Benzo[k]flouranthene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Benzo[a]pyrene*	<0.0002		0.0002	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Indeno[1,2,3-cd]pyrene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Dibenz[a,h]anthracene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Benzo[g,h,i]perylene*	<0.001		0.001	mg/L	0.978	2120901	CK	20-Dec-22	8270C	
Surrogate: Nitrobenzene-d5			51.1 %	20.3-96.6		2120901	CK	20-Dec-22	8270C	
Surrogate: 2-Fluorobiphenyl			52.0 %	18.9-97.9		2120901	CK	20-Dec-22	8270C	
Surrogate: Terphenyl-d14			43.0 %	14.7-112		2120901	CK	20-Dec-22	8270C	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIORNENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2120518 - General Prep - Wet Chem										
Blank (2120518-BLK1)										
Prepared & Analyzed: 05-Dec-22										
Chloride	ND	4.00	mg/L							
LCS (2120518-BS1)										
Prepared & Analyzed: 05-Dec-22										
Chloride	100	4.00	mg/L	100		100	80-120			
LCS Dup (2120518-BSD1)										
Prepared & Analyzed: 05-Dec-22										
Chloride	104	4.00	mg/L	100		104	80-120	3.92	20	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2120607 - Volatiles

Blank (2120607-BLK1)		Prepared: 06-Dec-22 Analyzed: 09-Dec-22								
Benzene	ND	0.001	mg/L							
Toluene	ND	0.001	mg/L							
Ethylbenzene	ND	0.001	mg/L							
Total Xylenes	ND	0.003	mg/L							
Total BTEX	ND	0.006	mg/L							
Surrogate: 4-Bromofluorobenzene (PID)	0.0532		mg/L	0.0500		106	77.1-124			

LCS (2120607-BS1)		Prepared: 06-Dec-22 Analyzed: 09-Dec-22								
Benzene	0.021	0.001	mg/L	0.0200		105	94.7-118			
Toluene	0.021	0.001	mg/L	0.0200		106	89-115			
Ethylbenzene	0.021	0.001	mg/L	0.0200		107	94-114			
m,p-Xylene	0.044	0.002	mg/L	0.0400		110	94.6-114			
o-Xylene	0.021	0.001	mg/L	0.0200		106	94.6-114			
Total Xylenes	0.065	0.003	mg/L	0.0600		109	94.6-114			
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/L	0.0500		102	77.1-124			

LCS Dup (2120607-BSD1)		Prepared: 06-Dec-22 Analyzed: 09-Dec-22								
Benzene	0.021	0.001	mg/L	0.0200		107	94.7-118	1.50	3.83	
Toluene	0.022	0.001	mg/L	0.0200		108	89-115	2.11	3.48	
Ethylbenzene	0.022	0.001	mg/L	0.0200		109	94-114	1.78	3.79	
m,p-Xylene	0.045	0.002	mg/L	0.0400		112	94.6-114	1.42	3.91	
o-Xylene	0.022	0.001	mg/L	0.0200		108	94.6-114	1.61	3.91	
Total Xylenes	0.066	0.003	mg/L	0.0600		110	94.6-114	1.48	3.91	
Surrogate: 4-Bromofluorobenzene (PID)	0.0523		mg/L	0.0500		105	77.1-124			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2120918 - General Prep - Organics

Blank (2120918-BLK1)

Prepared: 09-Dec-22 Analyzed: 13-Dec-22

GRO C6-C10	ND	1.00	mg/L							
DRO >C10-C28	ND	1.00	mg/L							
EXT DRO >C28-C36	ND	1.00	mg/L							
Surrogate: 1-Chlorooctane	4.14		mg/L	5.00		82.7	44.9-146			
Surrogate: 1-Chlorooctadecane	4.66		mg/L	5.00		93.2	39.8-162			

LCS (2120918-BS1)

Prepared: 09-Dec-22 Analyzed: 13-Dec-22

GRO C6-C10	48.0	1.00	mg/L	50.0		96.1	72.4-116			
DRO >C10-C28	41.8	1.00	mg/L	50.0		83.7	70-121			
Surrogate: 1-Chlorooctane	6.29		mg/L	5.00		126	44.9-146			
Surrogate: 1-Chlorooctadecane	7.16		mg/L	5.00		143	39.8-162			

LCS Dup (2120918-BSD1)

Prepared: 09-Dec-22 Analyzed: 13-Dec-22

GRO C6-C10	49.6	1.00	mg/L	50.0		99.2	72.4-116	3.21	8.73	
DRO >C10-C28	45.2	1.00	mg/L	50.0		90.4	70-121	7.80	24.8	
Surrogate: 1-Chlorooctane	5.31		mg/L	5.00		106	44.9-146			
Surrogate: 1-Chlorooctadecane	5.15		mg/L	5.00		103	39.8-162			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

Polynuclear Aromatic Compounds by GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2120901 - SW846-3510

Blank (2120901-BLK1)

Prepared: 09-Dec-22 Analyzed: 19-Dec-22

Naphthalene	ND	0.001	mg/L							
2-Methylnaphthalene	ND	0.001	mg/L							
1-Methylnaphthalene	ND	0.0005	mg/L							
Acenaphthylene	ND	0.001	mg/L							
Acenaphthene	ND	0.001	mg/L							
Fluorene	ND	0.001	mg/L							
Phenanthrene	ND	0.001	mg/L							
Anthracene	ND	0.001	mg/L							
Carbazole	ND	0.001	mg/L							
Fluoranthene	ND	0.001	mg/L							
Pyrene	ND	0.001	mg/L							
Benzo[a]anthracene	ND	0.001	mg/L							
Chrysene	ND	0.001	mg/L							
Benzo[b]flouranthene	ND	0.001	mg/L							
Benzo[k]flouranthene	ND	0.001	mg/L							
Benzo[a]pyrene	ND	0.0002	mg/L							
Indeno[1,2,3-cd]pyrene	ND	0.001	mg/L							
Dibenz[a,h]anthracene	ND	0.001	mg/L							
Benzo[g,h,i]perylene	ND	0.001	mg/L							

<i>Surrogate: Nitrobenzene-d5</i>	0.0348		mg/L	0.0500		69.5	20.3-96.6			
<i>Surrogate: 2-Fluorobiphenyl</i>	0.0242		mg/L	0.0500		48.4	18.9-97.9			
<i>Surrogate: Terphenyl-d14</i>	0.0322		mg/L	0.0500		64.3	14.7-112			

LCS (2120901-BS1)

Prepared: 09-Dec-22 Analyzed: 19-Dec-22

Naphthalene	0.007	0.001	mg/L	0.0100		72.1	18.1-117			
2-Methylnaphthalene	0.007	0.001	mg/L	0.0100		67.0	21-115			
1-Methylnaphthalene	0.007	0.0005	mg/L	0.0100		66.5	21.2-116			
Acenaphthylene	0.005	0.001	mg/L	0.0100		53.3	24.2-119			
Acenaphthene	0.005	0.001	mg/L	0.0100		51.0	21.5-122			
Fluorene	0.005	0.001	mg/L	0.0100		49.7	22.9-124			
Phenanthrene	0.007	0.001	mg/L	0.0100		70.2	25.6-128			
Anthracene	0.007	0.001	mg/L	0.0100		68.3	27-127			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

Polynuclear Aromatic Compounds by GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2120901 - SW846-3510

LCS (2120901-BS1)

Prepared: 09-Dec-22 Analyzed: 19-Dec-22

Carbazole	0.007	0.001	mg/L	0.0100		67.8	26.4-128			
Fluoranthene	0.007	0.001	mg/L	0.0100		66.2	27.2-128			
Pyrene	0.005	0.001	mg/L	0.0100		53.4	19.1-137			
Benzo[a]anthracene	0.005	0.001	mg/L	0.0100		52.5	21.9-134			
Chrysene	0.005	0.001	mg/L	0.0100		51.0	22.2-133			
Benzo[b]fluoranthene	0.004	0.001	mg/L	0.0100		42.2	20.4-144			
Benzo[k]fluoranthene	0.004	0.001	mg/L	0.0100		41.7	21.8-139			
Benzo[a]pyrene	0.004	0.0002	mg/L	0.0100		41.9	23.6-140			
Indeno[1,2,3-cd]pyrene	0.004	0.001	mg/L	0.0100		42.3	21.8-132			
Dibenz[a,h]anthracene	0.004	0.001	mg/L	0.0100		40.1	20.3-133			
Benzo[g,h,i]perylene	0.004	0.001	mg/L	0.0100		41.0	24.8-126			
Surrogate: Nitrobenzene-d5	0.0313		mg/L	0.0500		62.6	20.3-96.6			
Surrogate: 2-Fluorobiphenyl	0.0238		mg/L	0.0500		47.6	18.9-97.9			
Surrogate: Terphenyl-d14	0.0328		mg/L	0.0500		65.7	14.7-112			

LCS Dup (2120901-BSD1)

Prepared: 09-Dec-22 Analyzed: 19-Dec-22

Naphthalene	0.007	0.001	mg/L	0.0100		72.9	18.1-117	1.10	3.46	
2-Methylnaphthalene	0.007	0.001	mg/L	0.0100		66.4	21-115	0.900	4.47	
1-Methylnaphthalene	0.007	0.0005	mg/L	0.0100		66.9	21.2-116	0.600	4.3	
Acenaphthylene	0.005	0.001	mg/L	0.0100		53.2	24.2-119	0.188	3.88	
Acenaphthene	0.005	0.001	mg/L	0.0100		51.4	21.5-122	0.781	3.77	
Fluorene	0.005	0.001	mg/L	0.0100		50.9	22.9-124	2.39	4.31	
Phenanthrene	0.007	0.001	mg/L	0.0100		68.4	25.6-128	2.60	5.04	
Anthracene	0.007	0.001	mg/L	0.0100		66.5	27-127	2.67	4.49	
Carbazole	0.007	0.001	mg/L	0.0100		68.2	26.4-128	0.588	4.78	
Fluoranthene	0.006	0.001	mg/L	0.0100		64.3	27.2-128	2.91	6.19	
Pyrene	0.005	0.001	mg/L	0.0100		51.8	19.1-137	3.04	7.75	
Benzo[a]anthracene	0.005	0.001	mg/L	0.0100		52.8	21.9-134	0.570	3.03	
Chrysene	0.005	0.001	mg/L	0.0100		50.8	22.2-133	0.393	3.42	
Benzo[b]fluoranthene	0.004	0.001	mg/L	0.0100		40.2	20.4-144	4.85	6.95	
Benzo[k]fluoranthene	0.004	0.001	mg/L	0.0100		42.5	21.8-139	1.90	8.16	
Benzo[a]pyrene	0.004	0.0002	mg/L	0.0100		40.9	23.6-140	2.42	3.27	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

AXIS ENVIROMENTAL 121 INDIAN RIDGE RD BELTON TX, 76513	Project: G STATE 4 Project Number: NONE GIVEN Project Manager: BRAD FREEMAN Fax To:	Reported: 21-Dec-22 15:28
--	--	------------------------------

Polynuclear Aromatic Compounds by GC/MS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2120901 - SW846-3510

LCS Dup (2120901-BSD1)

Prepared: 09-Dec-22 Analyzed: 19-Dec-22

Indeno[1,2,3-cd]pyrene	0.004	0.001	mg/L	0.0100		41.7	21.8-132	1.43	4.11	
Dibenz[a,h]anthracene	0.004	0.001	mg/L	0.0100		39.5	20.3-133	1.51	4.77	
Benzo[g,h,i]perylene	0.004	0.001	mg/L	0.0100		40.4	24.8-126	1.47	6.35	
Surrogate: Nitrobenzene-d5	0.0321		mg/L	0.0500		64.2	20.3-96.6			
Surrogate: 2-Fluorobiphenyl	0.0241		mg/L	0.0500		48.2	18.9-97.9			
Surrogate: Terphenyl-d14	0.0304		mg/L	0.0500		60.7	14.7-112			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Axis EM Project Manager: Brad Freeman Address: bfreeman@axis-em.com City: _____ State: _____ Zip: _____ Phone #: 713-417-6141 Fax #: _____ Project #: G State 4 Project Owner: _____ Project Name: _____ Project Location: _____ Sampler Name: _____		P.O. #: _____ Company: _____ Attn: _____ Address: bfreeman@axis-em.com City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. A225804 Sample I.D. 1 MW3 2 MW4 3 MW8 4 MW7 5 MW6		(G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____	
Date: 12/9/22 Time: 0945 Relinquished By: [Signature] Date: _____ Time: _____ Received By: [Signature]		DATE TIME 12/9/22 0830 12/9/22 0740 12/8/22 1630 12/8/22 1540 12/8/22 1450	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C 2.3 Corrected Temp. °C 1.7		Matrix: _____ PRESERV: _____ SAMPLING: _____ BTEX _____ TPH _____ PAH _____ Chloride _____	
Turnaround Time: _____ Standard RUSH Bacteria (only) Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact Corrected Temp. °C _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: _____	

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 233420

CONDITIONS

Operator: HESS CORPORATION P.O. Box 840 Seminole, TX 79360	OGRID: 495
	Action Number: 233420
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the Annual Site Update for the Former State G 4 Tank Battery, 1R-4863: Content Satisfactory 1. Continue to operate solar sippers in MW-1 and MW-2 2. Install a solar sipper for MW-5 3. Continue to perform vacuum events for MW1, MW-2 and MW-5. 4. Continue to conduct quarterly--or semi-annually, whichever is approved by OCD-- groundwater sampling for COCs. 5. Submit next Annual Site update by April 1, 2024.	2/8/2024