



March 14, 2025

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

RE: Remediation and Reclamation Closure Report
Incident ID: nAPP2304441722
Roberts AGX State #001
Well API: 30-025-33406
NMSLO Oil or Gas Lease ID: VC12840000
Lat/Long: 32.913933, -103.3705799
Project ID: 20230713-1151-robertAGX1

NMOCD:

McNabb Partners LLC submits this closure request for the above incident on behalf of Contango Resources, LLC.

This report includes remediation actions, confirmation sampling activities and reclamation activities conducted at the Roberts AGX State #001 site. The remediation was completed in accordance with the remediation work plan submitted to NMOCD and approved on 07/31/2024.

1. Remediation Activities and Confirmation Sampling

The complete site characterization is provided in the remediation plan referenced above. Closure Criteria for the site according to Table I in 19.29.12.12 NMAC is listed below:

DTW – 70 ft bgs	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)
0 - 4 feet	600	--	100	10	50
> 4 ft	10,000	1,000	2,500	10	50

Remediation activities on the well site pad began in September of 2024. Before expanding excavation beyond the original pad boundaries into areas previously undisturbed by oil and gas production, a professional archaeological survey and a biological desktop review (focusing on Special Status Plant Species, Wildlife Habitat, and Migratory Species) were conducted in accordance with NMSLO guidelines. No significant findings were identified.



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During excavation activities for the removal and disposal of impacted soil, sampling events were conducted on November 1, November 4, November 6, December 13, and December 20, 2024. Per approved variance request in the remediation plan, the confirmation soil samples (5-point composite) were collected from areas not greater than 300 square feet (or less) from the excavation bases and sidewalls and analyzed for TPH, BTEX and chloride by a certified laboratory.

After the review of the analytical data from these sampling events, the excavation has been expanded both vertically and horizontally to address all areas where several composite samples (i.e., BS-38, BS-45, WS-10, WS-12, WS-13) exceeded the closure criteria (Table I in 19.29.12.12 NMAC) for chloride concentrations.

On January 9, 2025, after the expansion of the excavation, multiple confirmation base samples (i.e. BS-01 through BS-17, BS-23, BS-32, BS-33, BS-38.1, BS-45.1 BS-79, BS-81, BS-105 through BS-115, BS-126 and BS-127) were collected along with side wall confirmation samples (i.e., WS-12.1, WS-13.1, WS-14 through WS-22).

Analytical results from the laboratory indicated that several confirmation samples (i.e., BS-80, WS-14, WS-15, WS-16, WS-17) exceeded the closure criteria for chloride concentrations. These impacted areas have been excavated additionally both vertically and horizontally to ensure all impacted soil has been removed.

On February 3, 2025, a base confirmation samples (i.e., BS-80.1) and side wall confirmation samples (i.e., WS-10.1, WS-14.1, WS-15.1, WS-16, WS-17.1, WS-23, WS-24 and WS-25) were collected. Analytical results indicate that confirmation samples BS-80.1 and WS-14.1 exceeded the closure criteria for chloride concentrations.

On February 6, 2025, the final expansion to the excavation was completed, and confirmation base samples (i.e. BS-80.2, BS-119 through BS-125) along with a confirmation side wall samples (i.e., WS-14.2) were collected. Analytical results indicate that all base and side wall confirmation sample meet the closure criteria for the Site, therefore all impacted soil was removed.

- Plat 1 shows the site map of the entire Roberts AGX State #001 well pad.
- Plat 2 shows the overview of the complete remediation extent.
- Plat 3A & 3B show final confirmation sample locations along with the excavation depths.
- Complete analytical summary of all confirmation sample results is included in Table A Summary of Analytical.
- Figures 1 through 18 show the view of the remediation and reclamation activities.
- Communications with NMOCD regarding workplan approval and all sampling notifications are included in Appendix A.
- An Archeological Survey is attached in Appendix B.
- A Biological Review is attached in Appendix C.
- Certificate of Analysis and laboratory reports are included in Appendix D.



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2. Reclamation Activities

After all remediation activities were completed and all impacted material hauled off to a disposal facility, the site has been reclaimed in accordance with 19.15.29.13 NMAC. Excavations were backfilled with clean, non-impacted caliche material removed from all unimpacted areas of the pad and lease road. Laboratory analyses of backfill samples are shown in Table A. The soil cover of the entire pad and access road surfaces contains a one-foot top layer of locally sourced, clean, suitable topsoil material for successful vegetation regrowth at the site and the access road. A berm was constructed along the lease road to prevent vehicle access.

The reclaimed area was seeded on March 11th, 2025, using a drill seeder at twice the recommended rate with the NMSLO-approved Coarse seed mixture. The reclaimed areas were watered to promote seed germination.

3. Closure Request

Remediation Closure Request	
Requesting a remediation closure approval with this submission?	Yes
Have the lateral and vertical extents of contamination been fully delineated?	Yes
Was this release entirely contained within a lined containment area?	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized?	Yes
What was the total surface area (in sq ft) remediated?	37,300
What was the total volume (cubic yards) remediated?	5,623
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of 4 ft non waste containing material with concentration less than 600 mg/kg chlorides?	Yes
What was the total surface area (in sq ft) reclaimed?	37,300
What was the total volume (in cubic yards) reclaimed?	5,623
Summarize any additional remediation activities not included in answers above	Excavation and disposal

Overall, 37,300 square feet of impacted soil surface has been remediated and reclaimed. 5,623 cubic yards of impacted soil have been hauled off for a proper disposal at R360 Halfway Disposal and Landfill (FEEM0112334510).

On behalf of Contango Resources LLC, we respectfully request closure for the incident ID: nAPP2304441722. Based on the confirmation samples analytical results of remediation and reclamation activities, the Site is compliant with applicable closure requirements set forth in rule 19.15.19.12 NMAC and 19.15.29.13 NMAC and no further actions are required at the site.



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A re-vegetation report will be submitted for approval once uniform vegetative cover has been established, meeting a life-form ratio within $\pm 50\%$ of pre-disturbance levels and a total plant cover of at least 70% of pre-disturbance levels, excluding noxious weeds.

Please contact me with any questions.

Sincerely,

Dimitry Nikanorov
Project Manager
McNabb Partners
(917) 497-6890



Copy: Caleb Cooley, Contango Resources, LLC
New Mexico State Land Office – Environmental Compliance Office

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Figure 1. Excavation activities.



Figure 2. Excavation activities.

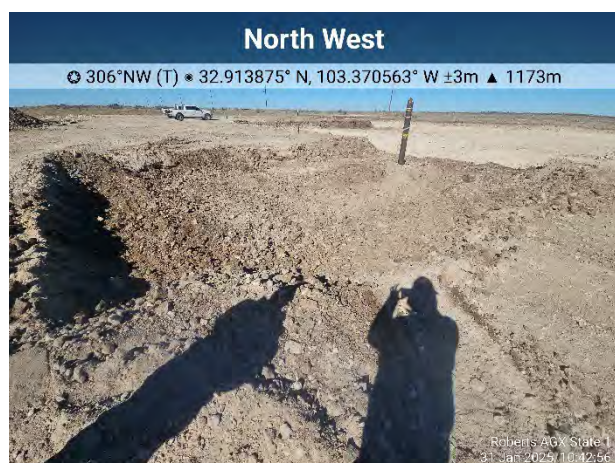


Figure 3. Excavation activities.



Figure 4. Excavation activities.



Figure 5. Excavation activities.



Figure 6. Excavation activities.



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Figure 7. Excavation activities.



Figure 8. Excavation activities.



Figure 9. Excavation activities.



Figure 10. Excavation activities.

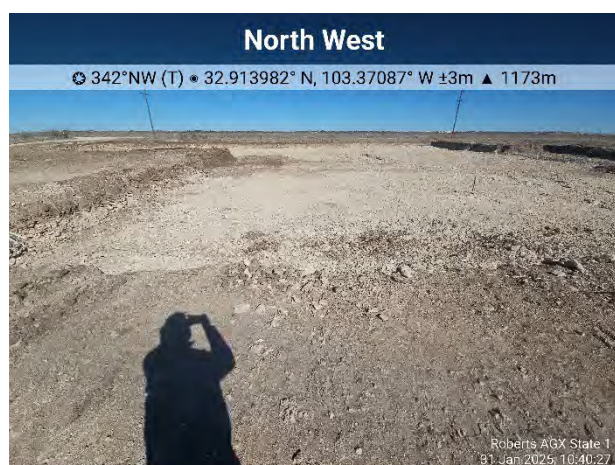


Figure 11. Excavation activities.

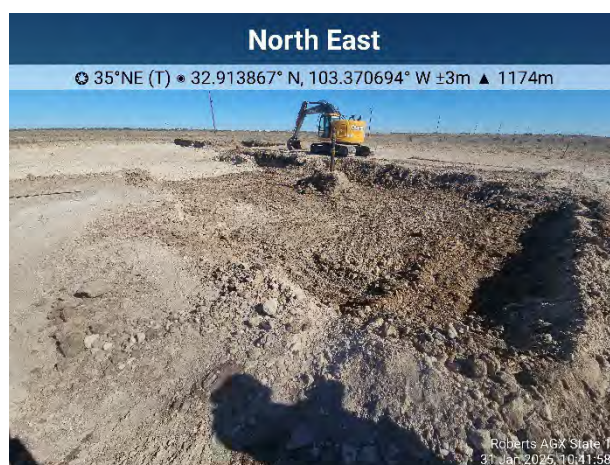


Figure 12. Excavation activities.



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Figure 13. Reclamation activities.



Figure 14. Reclamation activities.



Figure 15. Reclamation activities.



Figure 16. Reclamation activities.



Figure 17. Reclamation activities.

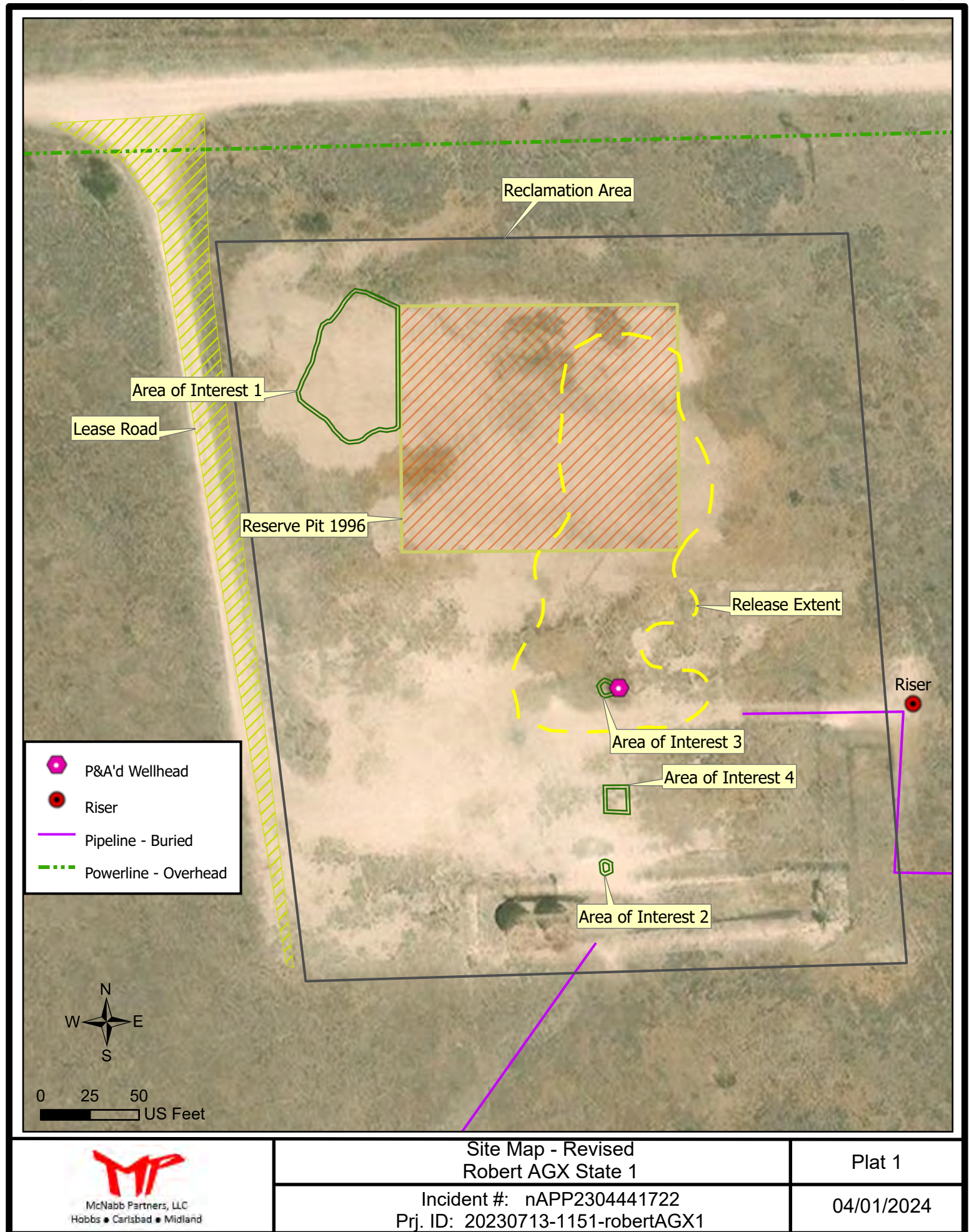


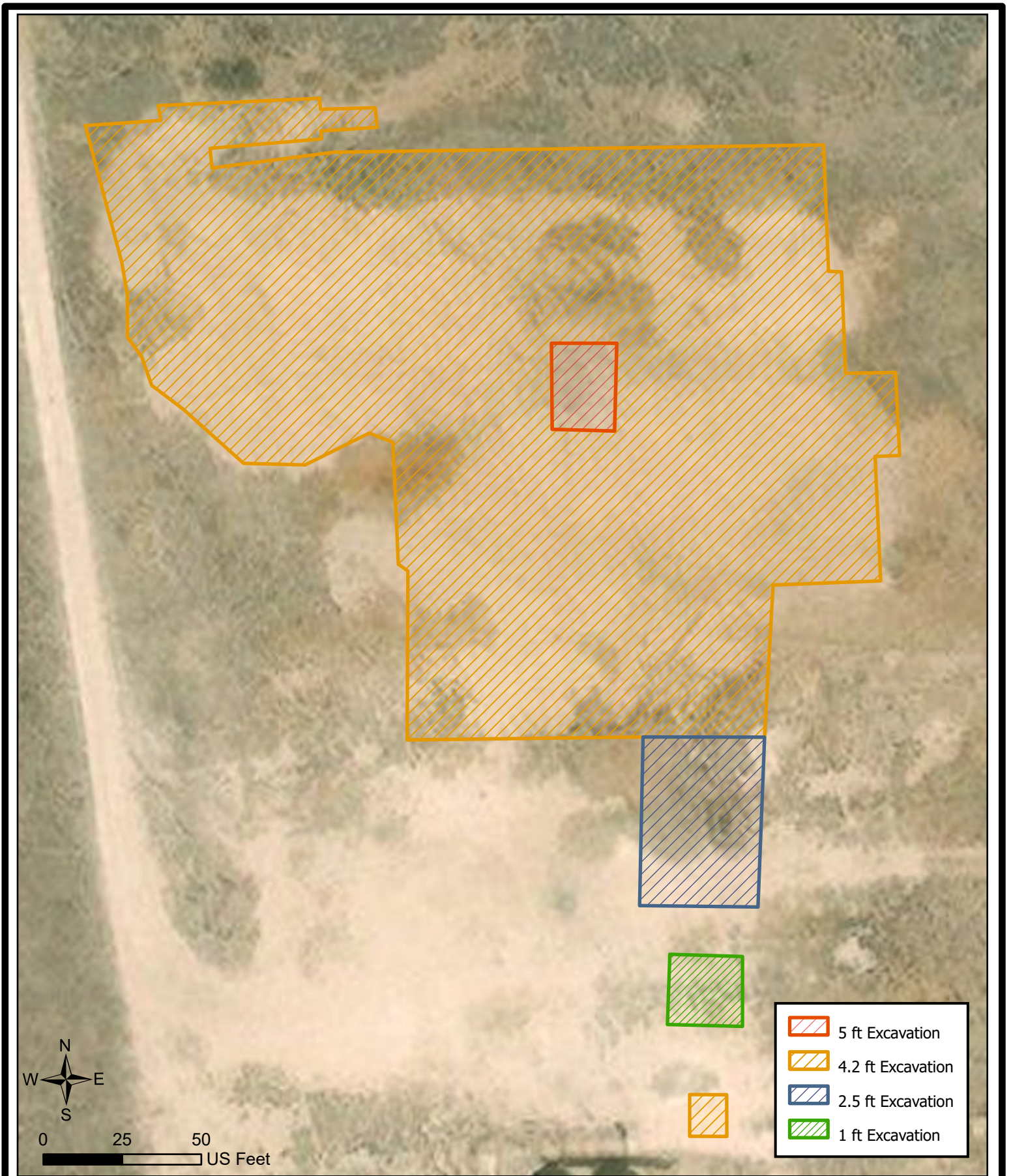
Figure 18. Reclamation activities.

Plats



McNabb Partners, LLC
Hobbs • Carlsbad • Midland





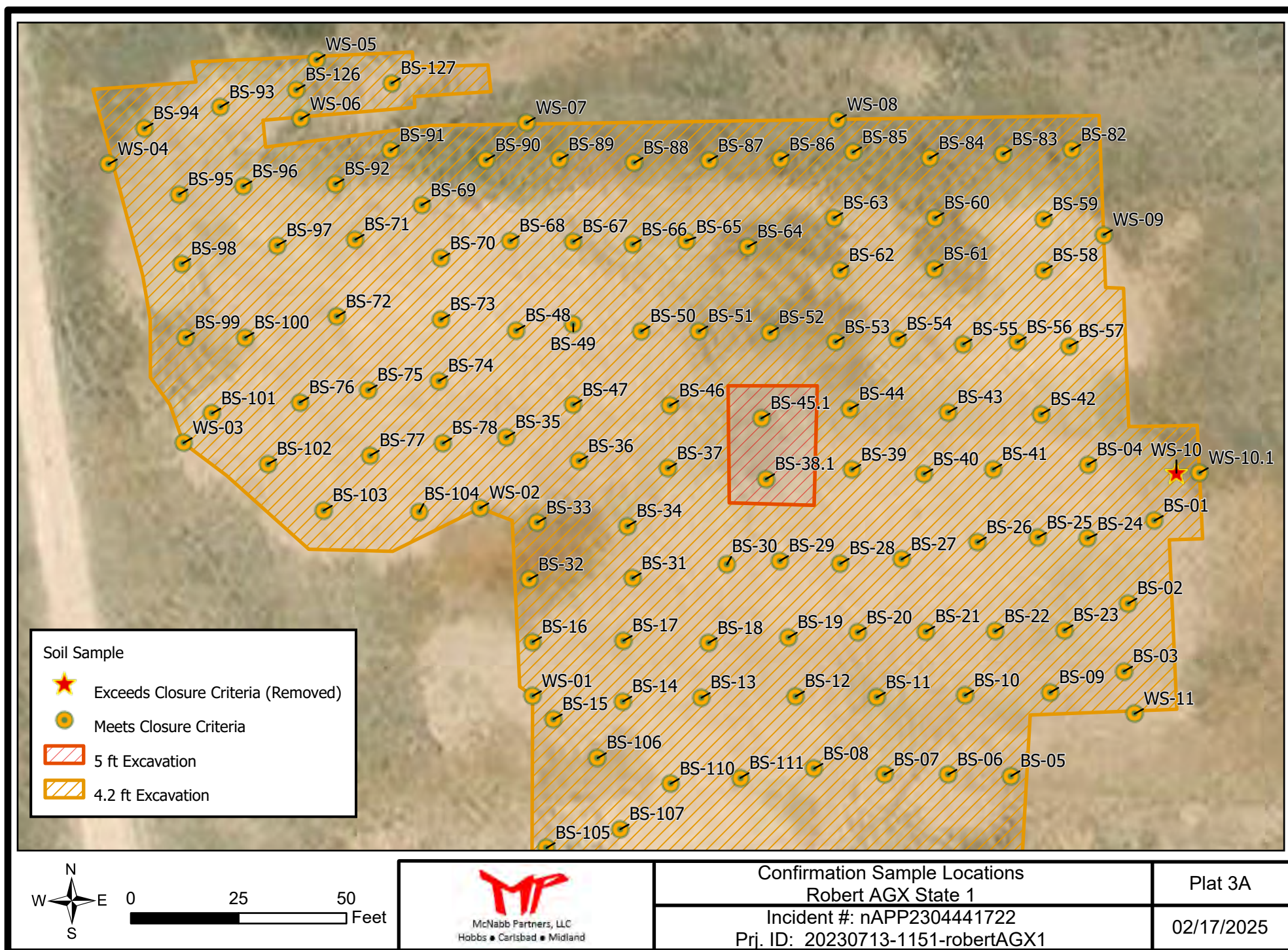
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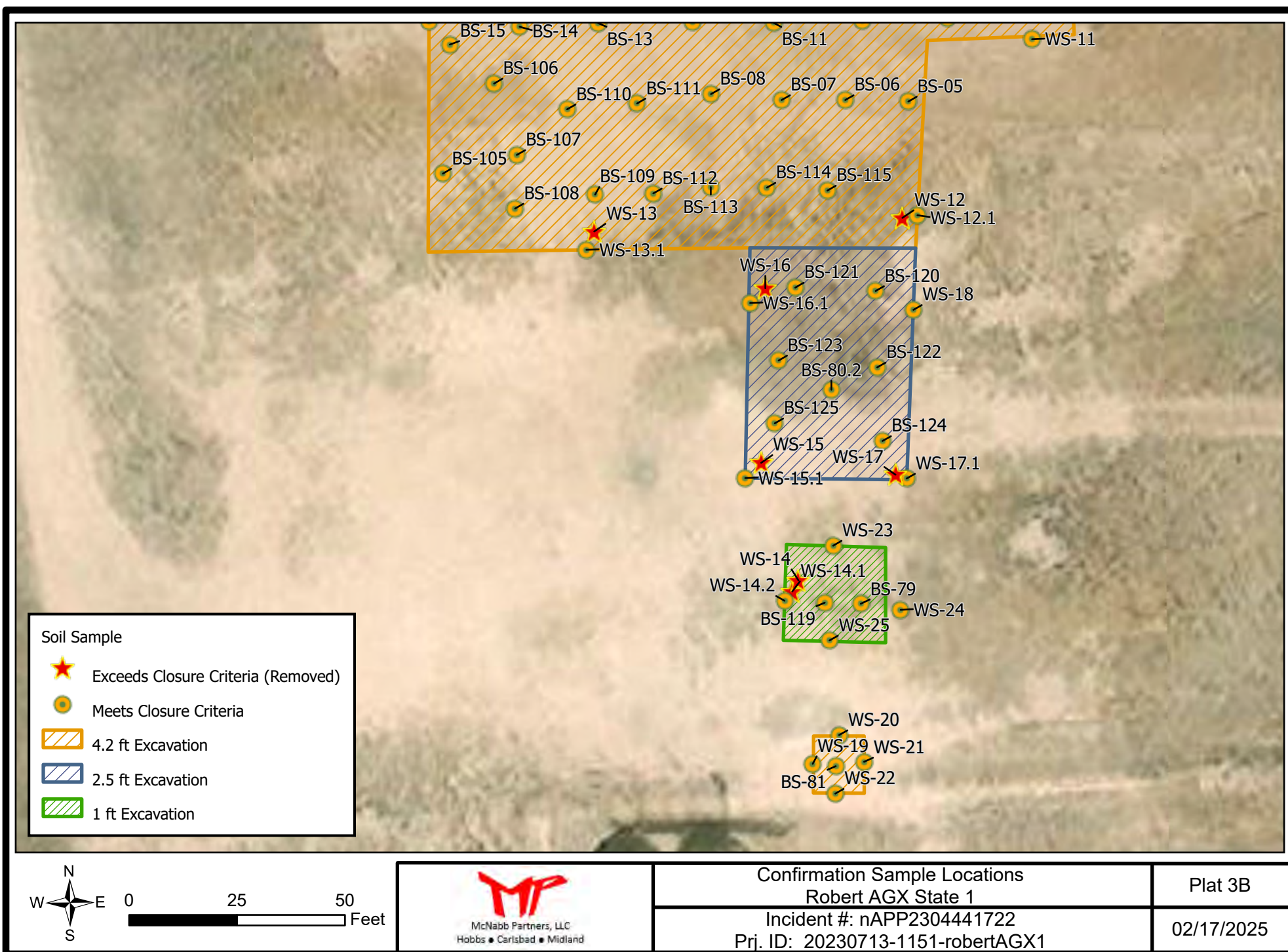
Remediation Map Overview
Robert AGX State 1

Incident #: nAPP2304441722
Prj. ID: 20230713-1151-robertAGX1

Plat 2

02/17/2025





Tables



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Table A. Analytical Summary

Robert AGX State 1

Sample ID	Date	Depth (Feet)	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO+DRO (mg/kg)	MRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)
NMOCD Closure Criteria										
0 - 4 feet			600			--		100	10	50
> 4 ft			10,000			1,000		2,500	10	50
Excavation Base Confirmation Samples										
BS-01	1/9/2025	4.2	1490	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-02	1/9/2025	4.2	4400	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-03	1/9/2025	4.2	2400	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-04	1/9/2025	4.2	1070	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-05	1/9/2025	4.2	976	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-06	1/9/2025	4.2	656	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-07	1/9/2025	4.2	1150	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-08	1/9/2025	4.2	912	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-09	1/9/2025	4.2	2800	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-10	1/9/2025	4.2	4680	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-11	1/9/2025	4.2	3240	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-12	1/9/2025	4.2	4080	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-13	1/9/2025	4.2	4800	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-14	1/9/2025	4.2	4320	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-15	1/9/2025	4.2	624	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-16	1/9/2025	4.2	1520	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-17	11/1/2024	4.2	6530	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-18	11/1/2024	4.2	7330	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-19	11/1/2024	4.2	6660	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-20	11/1/2024	4.2	9330	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-21	11/1/2024	4.2	7860	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-22	11/1/2024	4.2	6800	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-23	1/9/2025	4.2	3960	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-24	11/1/2024	4.2	4000	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-25	11/1/2024	4.2	3760	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-26	11/1/2024	4.2	5840	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-27	11/1/2024	4.2	8080	<10.0	10.3	10.3	<10.0	10.3	<0.050	<0.300
BS-28	11/1/2024	4.2	9330	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300

Table A. Analytical Summary

Robert AGX State 1

Sample ID	Date	Depth (Feet)	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO+DRO (mg/kg)	MRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)
NMOCD Closure Criteria										
0 - 4 feet			600			--		100	10	50
> 4 ft			10,000			1,000		2,500	10	50
BS-29	11/1/2024	4.2	9860	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-30	11/1/2024	4.2	4480	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-31	11/1/2024	4.2	832	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-32	1/9/2025	4.2	368	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-33	1/9/2025	4.2	128	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-34	11/1/2024	4.2	2720	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-35	11/4/2024	4.2	656	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-36	11/4/2024	4.2	304	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-37	11/1/2024	4.2	6240	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-38	11/1/2024	4.2	11900	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-38.1	1/9/2025	5	560	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-39	11/1/2024	4.2	6930	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-40	11/1/2024	4.2	6800	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-41	11/1/2024	4.2	4640	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-42	11/1/2024	4.2	2440	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-43	11/1/2024	4.2	4680	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-44	11/1/2024	4.2	2200	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-45	11/1/2024	4.2	10300	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-45.1	1/9/2025	5	32	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-46	11/1/2024	4.2	4320	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-47	11/4/2024	4.2	1410	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-48	11/6/2024	4.2	1460	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-49	11/6/2024	4.2	1070	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-50	11/6/2024	4.2	2400	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-51	11/1/2024	4.2	960	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-52	11/1/2024	4.2	720	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-53	11/1/2024	4.2	624	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-54	11/1/2024	4.2	3360	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-55	11/1/2024	4.2	4320	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300

Table A. Analytical Summary

Robert AGX State 1

Sample ID	Date	Depth (Feet)	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO+DRO (mg/kg)	MRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)
NMOCD Closure Criteria										
0 - 4 feet			600			--		100	10	50
> 4 ft			10,000			1,000		2,500	10	50
BS-56	11/1/2024	4.2	3040	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-57	11/1/2024	4.2	3160	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-58	11/4/2024	4.2	144	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-59	11/4/2024	4.2	112	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-60	11/4/2024	4.2	80	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-61	11/4/2024	4.2	80	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-62	11/4/2024	4.2	64	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-63	11/4/2024	4.2	32	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-64	11/4/2024	4.2	48	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-65	11/4/2024	4.2	80	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-66	11/6/2024	4.2	256	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-67	11/6/2024	4.2	5600	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-68	11/6/2024	4.2	2080	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-69	11/6/2024	4.2	1020	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-70	11/6/2024	4.2	1280	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-71	11/6/2024	4.2	160	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-72	11/6/2024	4.2	128	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-73	11/4/2024	4.2	784	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-74	11/4/2024	4.2	752	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-75	11/4/2024	4.2	736	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-76	11/6/2024	4.2	304	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-77	11/4/2024	4.2	512	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-78	11/4/2024	4.2	400	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-79	1/9/2025	1	224	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-80	1/9/2024	0.5	1420	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-80.1	2/3/2025	2	896	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-80.2	2/6/2025	2.5	480	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-81	1/9/2025	4.2	112	<10.0	80.5	80.5	41.9	122.4	<0.050	<0.300
BS-82	11/4/2024	4.2	160	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300

Table A. Analytical Summary

Robert AGX State 1

Sample ID	Date	Depth (Feet)	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO+DRO (mg/kg)	MRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)
NMOCD Closure Criteria										
0 - 4 feet			600			--		100	10	50
> 4 ft			10,000			1,000		2,500	10	50
BS-83	11/4/2024	4.2	112	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-84	11/4/2024	4.2	48	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-85	11/4/2024	4.2	32	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-86	11/4/2024	4.2	48	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-87	11/4/2024	4.2	80	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-88	11/4/2024	4.2	240	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-89	11/4/2024	4.2	832	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-90	11/4/2024	4.2	592	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-91	11/4/2024	4.2	1060	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-92	11/4/2024	4.2	128	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-93	11/4/2024	4.2	1040	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-94	11/4/2024	4.2	96	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-95	11/4/2024	4.2	48	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-96	11/6/2024	4.2	176	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-97	11/6/2024	4.2	176	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-98	11/6/2024	4.2	64	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-99	11/6/2024	4.2	64	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-100	11/6/2024	4.2	96	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-101	11/6/2024	4.2	32	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-102	11/6/2024	4.2	176	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-103	11/6/2024	4.2	144	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-104	11/6/2024	4.2	96	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-105	1/9/2025	4.2	208	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-106	1/9/2025	4.2	272	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-107	1/9/2025	4.2	224	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-108	1/9/2025	4.2	176	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-109	1/9/2025	4.2	336	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-110	1/9/2025	4.2	560	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-111	1/9/2025	4.2	752	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300

Table A. Analytical Summary

Robert AGX State 1

Sample ID	Date	Depth (Feet)	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO+DRO (mg/kg)	MRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)
NMOCD Closure Criteria										
0 - 4 feet			600			--		100	10	50
> 4 ft			10,000			1,000		2,500	10	50
BS-112	1/9/2025	4.2	320	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-113	1/9/2025	4.2	368	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-114	1/9/2025	4.2	512	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-115	1/9/2025	4.2	448	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-119	2/6/2025	1	480	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-120	2/6/2025	2.5	480	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-121	2/6/2025	2.5	528	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-122	2/6/2025	2.5	528	<10.0	12.6	12.6	<10.0	12.6	<0.050	<0.300
BS-123	2/6/2025	2.5	464	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-124	2/6/2025	2.5	464	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-125	2/6/2025	2.5	416	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-126	1/9/2025	4.2	880	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BS-127	1/9/2025	4.2	1490	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
Excavation Side Wall Confirmation Samples										
WS-01	12/20/2024	0-4.2	256	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
WS-02	12/20/2024	0-4.2	224	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
WS-03	12/13/2024	0-4.2	256	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
WS-04	12/13/2024	0-4.2	480	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
WS-05	12/20/2024	0-4.2	208	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
WS-06	12/13/2024	0-4.2	480	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
WS-07	12/13/2024	0-4.2	320	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
WS-08	12/13/2024	0-4.2	48	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
WS-09	12/13/2024	0-4.2	48	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-10	12/20/2024	0-4.2	1150	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-10.1	2/3/2025	0-4.2	96	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-11	12/20/2024	0-4.2	560	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-12	12/20/2024	0-4.2	832	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-12.1	1/9/2025	0-4.2	192	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-13	12/20/2024	0-4.2	960	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300

Table A. Analytical Summary

Robert AGX State 1

Sample ID	Date	Depth (Feet)	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO+DRO (mg/kg)	MRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)
NMOCD Closure Criteria										
0 - 4 feet			600			--		100	10	50
> 4 ft			10,000			1,000		2,500	10	50
WS-13.1	1/9/2025	0-4.2	192	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-14	1/9/2025	0-1	624	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-14.1	2/3/2025	0-1	800	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-14.2	2/6/2025	0-1	464	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-15	1/9/2025	0-0.5	208	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-15.1	2/3/2025	0-2	544	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-16	1/9/2025	0-0.5	1120	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-16.1	2/3/2025	0-2	80	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-17	1/9/2025	0-0.5	823	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-17.1	2/3/2025	0-2	416	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-18	1/9/2025	0-0.5	48	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-19	1/9/2025	0-4.2	144	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-20	1/9/2025	0-4.2	160	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-21	1/9/2025	0-4.2	160	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-22	1/9/2025	0-4.2	160	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-23	2/3/2025	0-1	432	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-24	2/3/2025	0-1	368	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
WS-25	2/3/2025	0-1	384	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
Backfill Samples										
BackFill-1	2/17/2025	0.5	32	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
BackFill-1	2/17/2025	1	16	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
BackFill-2	2/20/2025	0.5	<16	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
BackFill-3	2/20/2025	0.5	<16	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
BackFill-4	2/20/2025	1.5	<16	<10.0	<10.0	<20.0	<30.0	<0.05	<0.050	<0.300
Legend:										
Sample exceeds NMOCD Closure Criteria										
Sample point has been excavated										

Appendix A

Communications



McNabb Partners, LLC
Hobbs • Carlsbad • Midland

From: [Andrew Parker](#)
To: [Laura Parker](#)
Subject: Fwd: The Oil Conservation Division (OCD) has approved the application, Application ID: 366722
Date: Wednesday, July 31, 2024 12:33:54 PM

Andrew Parker
McNabb Partners
970-570-9535

Begin forwarded message:

From: OCDOOnline@state.nm.us
Date: July 31, 2024 at 10:28:50 AM MDT
To: Andrew Parker <andrew@mcnabbpartners.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 366722

To whom it may concern (c/o Andrew Parker for Contango Resources, LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2304441722, with the following conditions:

- **Remediation plan approved with conditions. Confirmation samples must be collected within all Areas of Interest at discrete depths (none of the 0-2' depth samples as were used during delineation). Lateral delineation samples must also be collected around southern half of "Release Extent" to ensure no contamination was left in place below the surface scrape. OCD notes that on pg. 9 of report, AOI-2 and AOI-4 seem to be switched or they are labeled incorrectly on Plate 1. AOI-2 location corresponds with sample point CS-16 which should be excavated to ~4.25 ft and AOI-4 matches up with sample point CS-01.2 which should be excavated to ~2.5 ft based on delineation results. OCD approves a variance to collect confirmation sidewall and base samples every 300 square feet. The reuse of surface caliche will be left up SLO. Submit remediation closure report to the OCD by 10/29/24.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Shelly Wells
Environmental Specialist-A

505-469-7520
Shelly.Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

District I

1625 N. French Dr., Hobbs, NM 88240
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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

QUESTIONS

Action 396560

QUESTIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 396560
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2304441722
Incident Name	NAPP2304441722 ROBERTS AGX STATE 1 @ 30-025-33406
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33406] ROBERT AGX STATE #001

Location of Release Source	
Site Name	ROBERTS AGX STATE 1
Date Release Discovered	02/06/2023
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	27,000
What is the estimated number of samples that will be gathered	90
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/01/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact 917-497-6890 or dimitry@mcnabbpartners.com
Please provide any information necessary for navigation to sampling site	GPS coordinates: 32.914388, -103.370933

District I
1625 N. French Dr., Hobbs, NM 88240
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Santa Fe, NM 87505

CONDITIONS

Action 396560

CONDITIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 396560
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
dnikanorov24	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/29/2024

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 396561

QUESTIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 396561
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2304441722
Incident Name	NAPP2304441722 ROBERTS AGX STATE 1 @ 30-025-33406
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33406] ROBERT AGX STATE #001

Location of Release Source	
Site Name	ROBERTS AGX STATE 1
Date Release Discovered	02/06/2023
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	27,000
What is the estimated number of samples that will be gathered	90
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/04/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Dmitry at 917-497-6890 or dimitry@mcnabbpartners.com
Please provide any information necessary for navigation to sampling site	GPS coordinates: 32.914388, -103.370933

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 396561

CONDITIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 396561
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
dnikanorov24	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/29/2024

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 398710

QUESTIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 398710
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2304441722
Incident Name	NAPP2304441722 ROBERTS AGX STATE 1 @ 30-025-33406
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33406] ROBERT AGX STATE #001

Location of Release Source	
Site Name	ROBERTS AGX STATE 1
Date Release Discovered	02/06/2023
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	27,000
What is the estimated number of samples that will be gathered	90
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/06/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Dmitry at 917-497-6890 or dimitry@mcnabbpartners.com
Please provide any information necessary for navigation to sampling site	GPS coordinates: 32.914388, -103.370933

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State of New Mexico
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Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Action 398710

CONDITIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 398710
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
dnikanorov24	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/4/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

QUESTIONS

Action 410817

QUESTIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 410817
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2304441722
Incident Name	NAPP2304441722 ROBERTS AGX STATE 1 @ 30-025-33406
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33406] ROBERT AGX STATE #001

Location of Release Source	
Site Name	ROBERTS AGX STATE 1
Date Release Discovered	02/06/2023
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	27,000
What is the estimated number of samples that will be gathered	28
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/13/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Contact dimitry@mcnabbpartners.com or 917-497-6890
Please provide any information necessary for navigation to sampling site	gps coordinates: 32.914370, -103.370865

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 410817

CONDITIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 410817
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
dnikanorov24	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	12/11/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

QUESTIONS

Action 413694

QUESTIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 413694
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2304441722
Incident Name	NAPP2304441722 ROBERTS AGX STATE 1 @ 30-025-33406
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33406] ROBERT AGX STATE #001

Location of Release Source	
Site Name	ROBERTS AGX STATE 1
Date Release Discovered	02/06/2023
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	27,000
What is the estimated number of samples that will be gathered	28
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/20/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Contact dimitry@mcnabbpartners.com or 9174976890
Please provide any information necessary for navigation to sampling site	gps coordinates: 32.914370, 103.370865

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 413694

CONDITIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 413694
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
dnikanorov24	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	12/18/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 417751

QUESTIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 417751
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2304441722
Incident Name	NAPP2304441722 ROBERTS AGX STATE 1 @ 30-025-33406
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33406] ROBERT AGX STATE #001

Location of Release Source	
Site Name	ROBERTS AGX STATE 1
Date Release Discovered	02/06/2023
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,200
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/09/2024
Time sampling will commence	09:00 AM
 Warning: Notification can not be less than two business days prior to conducting final sampling. 	
Please provide any information necessary for observers to contact samplers	GPS coordinates: 32.914370, -103.370865
Please provide any information necessary for navigation to sampling site	Please Contact dimitry@mcnabbpartners.com or 917-497-6890

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 417751

CONDITIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 417751
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
dnikanorov24	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/7/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

QUESTIONS

Action 426851

QUESTIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 426851
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2304441722
Incident Name	NAPP2304441722 ROBERTS AGX STATE 1 @ 30-025-33406
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33406] ROBERT AGX STATE #001

Location of Release Source	
Site Name	ROBERTS AGX STATE 1
Date Release Discovered	02/06/2023
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,200
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/03/2025
Time sampling will commence	02:30 PM
Please provide any information necessary for observers to contact samplers	GPS coordinates: 32.914370, -103.370865
Please provide any information necessary for navigation to sampling site	Please Contact dimitry@mcnabbpartners.com or 917-497-6890

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 426851

CONDITIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 426851
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
dnikanorov24	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/30/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 428207

QUESTIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 428207
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2304441722
Incident Name	NAPP2304441722 ROBERTS AGX STATE 1 @ 30-025-33406
Incident Type	Blow Out
Incident Status	Remediation Plan Approved
Incident Well	[30-025-33406] ROBERT AGX STATE #001

Location of Release Source	
Site Name	ROBERTS AGX STATE 1
Date Release Discovered	02/06/2023
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,400
What is the estimated number of samples that will be gathered	9
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/06/2025
Time sampling will commence	02:40 PM
Please provide any information necessary for observers to contact samplers	Please contact Dmitry 917-497-6890 or dimitry@mcnabbpartners.com if needed
Please provide any information necessary for navigation to sampling site	32.914032, -103.370732

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 428207

CONDITIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 428207
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
dnikanorov24	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/4/2025

From: [Wells, Shelly, EMNRD](#)
To: [Laura Parker](#); [Wells, Shelly, EMNRD](#); eco@slo.state.nm.us; tknight
Cc: [Marcus Gipson](#); [Bratcher, Michael, EMNRD](#)
Subject: RE: [EXTERNAL] Extension Request- Contango Resources_nAPP2304441722_ Robert AGX State 1
Date: Friday, October 18, 2024 11:07:06 AM

Good morning Laura,

The extension request for NAPP2304441722 ROBERTS AGX STATE 1 is approved. The new due date to submit your closure report to the OCD is December 30, 2024. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Laura Parker <Laura@mcnabbpartners.com>
Sent: Friday, October 18, 2024 10:23 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; eco@slo.state.nm.us; [tknight](mailto:tknight@slo.state.nm.us) <tknight@slo.state.nm.us>
Cc: Marcus Gipson <marcus@mcnabbpartners.com>
Subject: [EXTERNAL] Extension Request- Contango Resources_nAPP2304441722_ Robert AGX State 1

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

On behalf of Contango Resources, McNabb Partners respectfully requests an extension of remediation and reclamation activities associated with Incident ID # nAPP2304441722, Robert AGX State 1.

Remediation activities began on September 12, 2024. The excavation efforts have encountered hard caliche and rock and it has taken 5 weeks to reach the depth of 4- 5 ft within the 27,000 square foot area of excavation where field screening indicates chlorides are meeting closure criteria. Field screening of walls show that they need to be pushed out further to meet closure criteria, further extending the excavation extent. Obtaining soil samples requires breaking up the base material with a rock bar. We anticipate a possible 140 base grids for confirmation sampling, which we hope to start next week. We are also awaiting Arc and biological survey results as we anticipate extending beyond previously disturbed area. A 2 month extension beyond the 10/29/2024 deadline is requested to complete the project.

Laura Parker
Environmental Specialist
McNabb Partners
c: (505) 270-8647



From: [Wells, Shelly, EMNRD](#)
To: [Marcus Gipson](#)
Cc: [Bratcher, Michael, EMNRD](#); eco@slo.state.nm.us; [Knight, Tami C.](#); [Laura Parker](#)
Subject: RE: [EXTERNAL] Extension Request- Contango Resources_nAPP2304441722_ Robert AGX State 1
Date: Monday, December 16, 2024 8:57:36 AM
Attachments: [image001.png](#)

Good morning Marcus,

The extension request for NAPP2304441722 ROBERTS AGX STATE 1 is approved. The new due date to submit your closure report to the OCD is February 17, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Marcus Gipson <marcus@mcnabbpartners.com>
Sent: Friday, December 13, 2024 9:15 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; eco@slo.state.nm.us; tknight <tknight@slo.state.nm.us>
Cc: Laura Parker <Laura@mcnabbpartners.com>
Subject: [EXTERNAL] Extension Request- Contango Resources_nAPP2304441722_ Robert AGX State 1

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

On behalf of Contango Resources, McNabb Partners respectfully requests an extension of remediation and reclamation activities associated with Incident ID # nAPP2304441722, Robert AGX State 1.

Remediation activities began on September 12, 2024. The excavation efforts have encountered hard caliche and rock, and it has taken 5 weeks to reach the depth of 4- 5 ft within the 27,000 square foot area of excavation where field screening indicates chlorides are meeting closure criteria. Field screening of walls show that they need to be pushed out further to meet closure criteria, further extending the excavation extent. Obtaining soil samples

requires breaking up the base material with a rock bar. After initial sampling we need to continue excavation of the floor in multiple spots. We recently received the Arc and biological survey results as we begin to move on to previously undisturbed areas. A 2-month extension beyond the 12/18/2024 deadline is requested to complete the project.



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From: [Wells, Shelly, EMNRD](#)
To: [Marcus Gipson](#)
Cc: [tknight](#); [eco@nmslo.gov](#); [Bratcher, Michael, EMNRD](#)
Subject: RE: [EXTERNAL] Extension Request - Contango Resources - nAPP2304441722- Robert AGX State 1
Date: Friday, February 14, 2025 10:52:56 AM
Attachments: [image001.png](#)

Good morning Marcus,

The extension request for NAPP2304441722 ROBERTS AGX STATE 1 is approved. This is the third and **final extension** that will be granted. The new due date to submit your closure report to the OCD is March 19, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Marcus Gipson <marcus@mcnabbpartners.com>
Sent: Friday, February 14, 2025 9:35 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; [eco@nmslo.gov](#); [tknight](#) <[tknight@slo.state.nm.us](#)>
Subject: [EXTERNAL] Extension Request - Contango Resources - nAPP2304441722- Robert AGX State 1

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

On behalf of Contango Resources, McNabb Partners respectfully requests an extension of remediation and reclamation activities associated with Incident ID # nAPP2304441722, Robert AGX State 1.

Remediation activities began on September 12, 2024. We recently received our final analytical results that will allow us to begin to backfill. A 1-month extension beyond the 2/17/2024 deadline is requested to complete the project.

Best,
Marcus



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From: [Knight, Tami C.](#)
To: [Ronni Bishop](#); [Rica Stewart](#)
Cc: [Andrew Parker](#); [Laura Parker](#); [Biernoff, Ari](#); [Heltman, Elaine G.](#); [Barnes, Will](#); [Griffin, Becky R.](#); [David, Deon W.](#)
Subject: RE: Contango Resources-Robert AGX State 1 - nAPP2304441722 -2.6.2023 - Remediation Approved with Conditions
Date: Tuesday, August 6, 2024 8:51:20 AM
Attachments: [image004.png](#)
[image005.png](#)

Contango Team,

ECO has reviewed the subject remediation plan and has approved the plan with the following conditions:

1. ECO agrees with NMOCD conditions of approval
2. ROE issue must be settled with NMSLO-CRD before field work can proceed.
3. Submit a site map illustrating all areas proposed for reclamation.
4. The reclamation plan proposed sandy loam; however, due to the shallow depth of cemented material, NMSLO Course seed mix is likely the better choice.

Thank you

Tami Knight, CHMM
Environmental Specialist
NMSLO SRD-ECO
505.670.1638
tknight@slo.state.nm.us
nmstatelands.org

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From: Laura Parker <Laura@mcnabbpartners.com>
Sent: Wednesday, July 31, 2024 2:16 PM
To: SLO Spills <spills@slo.state.nm.us>
Cc: Andrew Parker <Andrew@mcnabbpartners.com>; Knight, Tami C. <tknight@slo.state.nm.us>
Subject: [EXTERNAL] RE: Contango Resources-Robert AGX State 1 - nAPP2304441722 - release date 2.6.2023

Hi Tami,

Please see NMOCD approval (with COAs) for the Robert AGX State 1 location below. ECO has already received a copy of the remediation plan. Attached is the reclamation plan which was omitted from the original submission.

I did communicate with SLO regarding ROE. An ROE renewal application was submitted in May and the check for fee payment was cashed, but for some reason, the permit was never executed. Contango's land person is investigating and will let us know as soon as this has been resolved.

Thank you and let me know if you have any questions

Laura Parker
Environmental Specialist
McNabb Partners
c: (505) 270-8647



From: Andrew Parker <Andrew@mcnabbpartners.com>
Sent: Wednesday, July 31, 2024 12:34 PM
To: Laura Parker <Laura@mcnabbpartners.com>
Subject: Fwd: The Oil Conservation Division (OCD) has approved the application, Application ID: 366722

Andrew Parker
McNabb Partners
970-570-9535

Begin forwarded message:

From: OCDOnline@state.nm.us
Date: July 31, 2024 at 10:28:50 AM MDT
To: Andrew Parker <andrew@mcnabbpartners.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 366722

To whom it may concern (c/o Andrew Parker for Contango Resources, LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2304441722, with the following conditions:

- **Remediation plan approved with conditions. Confirmation samples must be collected within all Areas of Interest at discrete depths (none of the 0-2' depth samples as were used during delineation). Lateral delineation samples must also be collected around southern half of**

“Release Extent” to ensure no contamination was left in place below the surface scrape. OCD notes that on pg. 9 of report, AOI-2 and AOI-4 seem to be switched or they are labeled incorrectly on Plate 1. AOI-2 location corresponds with sample point CS-16 which should be excavated to ~4.25 ft and AOI-4 matches up with sample point CS-01.2 which should be excavated to ~2.5 ft based on delineation results. OCD approves a variance to collect confirmation sidewall and base samples every 300 square feet. The reuse of surface caliche will be left up SLO. Submit remediation closure report to the OCD by 10/29/24.

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Shelly Wells
Environmental Specialist-A
505-469-7520
Shelly.Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: [Laura Parker](#)
To: eco@slo.state.nm.us
Cc: [Knight, Tami C.](#); [Andrew Parker](#); Chris.Davis@contango.com; Trey.Haines@contango.com; [Rica Stewart](#); [Ronni Bishop](#)
Subject: Contango Resources-Robert AGX State 1 - nAPP2304441722 -2.6.2023
Date: Friday, August 16, 2024 7:26:00 AM
Attachments: [RE-6719 Executed 8.13.2024.pdf](#)

Attached is the fully executed ROE Permit for above location per COA

Laura Parker
Environmental Specialist
McNabb Partners
c: (505) 270-8647





Stephanie Garcia Richard
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

August 14, 2024

Contango Oil and Gas
1602 W. Broadway St.
Andrews, TX 79714

Attn: Chris Davis Re: Right-of-Entry Permit No.: **RE-6719/Robert AGX State #1 P&A, Reclamation and Remediation**

Dear Applicant:

Enclosed is the completed captioned Right-of-Entry permit. If any corrections are necessary, please let us know and we will retype or amend this permit as necessary.

The New Mexico State Land Office requires you to notify any surface lessees that will be impacted by your project prior to construction.

If you have any questions, or if we may be of further assistance, please do not hesitate to contact Samantha Martinez of my staff at (505) 827-4003.

Sincerely,

A handwritten signature in black ink, appearing to read "James S. Bordegaray".

James S. Bordegaray
Director, Commercial Resources Division

JSB/sm

**STATE OF NEW MEXICO
COMMISSIONER OF PUBLIC LANDS
RIGHT OF ENTRY # RE-6719**

This Agreement is made and entered into between the COMMISSIONER OF PUBLIC LANDS (the "Commissioner") and

**Contango Oil & Gas
1602 W. Broadway St.
Andrews, TX 79714**

("Permittee"). The parties agree as follows:

1. RIGHT OF ENTRY ("ROE")

The Commissioner grants to Permittee, and its authorized representatives, employees, and contractors, permission to use the state trust land identified below (the "Premises"), and ingress and egress to the Premises, for the sole purposes of (1) surveying/inspecting the site of State Land Office Oil and Gas Lease No. V0-3661-0003 (the "Lease"), (2) plugging of one well, per 19.15.25.10 (A) & (B) NMAC, located on the Lease, said well being the Robert AGX State #1 API# 30-025-33406 and (3) conducting surface reclamation activities, including removal of equipment and debris, and any required remediation per 19.2.100.67 NMAC, located on the lease.

The Premises is situated in the following location in Lea County, New Mexico:

Section	Township	Range	Subdivision	County
20	16S	36E	NE4NE4	Lea

2. TERM AND TERMINATION

Right of entry is granted for a term of **180 days**, commencing on the execution date of this document by the Commissioner of Public Lands.

3. FEES

\$ 50.00 Application Fee
\$ 500.00 Permit Fee
\$ 550.00 Total Fee

4. CONDITIONS OF USE

- A. The issuance of this ROE does not guarantee that any subsequent lease, permit or any other instrument will be issued to Permittee for the Premises.
- B. No blading or widening of any roads that provide access to the Premises is permitted under this ROE.
- C. No sale of any material extracted from the Premises is allowed under this ROE.
- D. Permittee shall observe all applicable federal, state and local laws and regulations.
- E. Permittee shall take all reasonable precautions to prevent and suppress forest, brush and grass fires and prevent pollution of waters on or in the vicinity of the Premises.

RE-6719

- F. Permittee shall not block or disrupt roads or trails commonly in use.
- G. This ROE is subject to any and all easements and rights-of-way previously granted and now in force and effect.
- H. Permittee shall be responsible for repair and restitution for damage to any Premises or improvements as a result of activities related to this ROE.
- I. Prior to entering the Premises, Permittee must identify and contact any existing surface lessees. The grant of this ROE does not allow access across private lands.
- J. Permittee may utilize this ROE upon its execution for inspection of the Premises and to conduct any necessary tests or inspections. Permittee may not conduct remediation or reclamation work until it has submitted a written plan for such work, and received State Land Office approval.
- K. Personnel present on Premises: **Contango personnel and contractors.**
- L. Equipment and materials present on Premises: **Vehicles, heavy equipment, and associated materials.**

5. SITE CONDITIONS

- A. No surface disturbance, other than soil sampling, except as described in a reclamation plan submitted to and approved by the State Land Office.
- B. Access to the Premises shall be over existing roads.
- C. The natural environmental conditions that exist contemporaneously with this grant of ROE shall be preserved and protected. Permittee must follow all applicable environmental and cultural resource protection laws and regulations.

6. INDEMNITY

Permittee shall save, hold harmless, indemnify and defend the State of New Mexico, the Commissioner and Commissioner's employees, agents and contractors, in both their official and individual capacities, from any and all liability, claims, losses, damages, or expenses of any character or nature whatsoever, including but not limited to attorney's fees, court costs, loss of land value or use, third party claims, penalties, or removal, remedial or restoration costs arising out of, or alleged to arise out of Permittee's operations or presence on the Premises (or operations or presence of his representatives, employees, or contractors).

7. SURVIVAL OF TERMS

Permittee's obligations regarding indemnity, site conditions, and compliance with applicable standards and laws, shall survive the termination, cancellation or relinquishment of this Agreement, and any cause of action of the Commissioner to enforce any right, liability, claim, loss, damage or expense under those paragraphs shall not be deemed to accrue until the Commissioner's actual discovery of said right, liability, claim, loss, damage or expense.

8. NOTIFICATION

Permittee must notify the State Land Office immediately in the event Permittee or his representatives, employees, or contractors observe any spill, fire, or other emergency on the Premises, or if Permittee or his representatives, employees, or contractors experience any serious injury while on the Premises.

WITNESS the hands of PERMITTEE and COMMISSIONER on the day(s) and year entered below.

JBH

DATE: 8/13/24

PERMITTEE SIGNATURE

Jason B. Thomas

VP - Land

PERMITTEE NAME AND TITLE (PRINT)

SEAL:

BY: Stephanie Garcia Richard /vs
Stephanie Garcia Richard
Commissioner of Public Lands

DATE: 8-14-2024



Appendix B

Archeological Survey



McNabb Partners, LLC
Hobbs • Carlsbad • Midland



Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity Number: 156953

HPD Log No(s).

Registration

Lead Agency: NM State Land Office

Performing Agency: APAC

Activity ID: Roberts AGX State #001 well pad reclamation area

Performing Agency Report No: APAC 24-09-09

Other Agencies:

Report Recipient (Your Client): Contango Resources, LLC represented by McNabb Partners, LLC

- Activity Types:
- ☐ Research Design
 - ☒ Archaeological Survey/Inventory
 - ☐ Architectural Survey/Inventory
 - ☐ Test Excavation
 - ☐ Monitoring
 - ☐ Collections/Non-Field Study
 - ☐ Compliance Decision
 - ☐ Literature Review Overview
 - ☐ Excavation
 - ☐ Ethnographic Study
 - ☐ Resource/Property Visit
 - ☐ Historic Structures Report
 - ☐ Other:

Total Survey Acreage: 12.24

Total Tribal Acreage: 0.00

Total Resources Visited: 0

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity Number: 156953 HPD Log No(s). Associate/Register Resources

Prefix	Number	Field Site/Other Number	In GIS	Resource Type	Collections Made?	Revisit
--------	--------	-------------------------	--------	---------------	-------------------	---------

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity Number: 156953

HPD Log No(s).

Report Details

Type of Report

Type of Report Negative

Lead Agency

Lead Agency: NM State Land Office

Lead Agency Report No.

Report Number:

Title of Report

Title of Report: A Cultural Survey of the Existing Roberts AGX State #001 Well Pad Reclamation Area in Lea County, New Mexico for Contango Resources, LLC Represented by McNabb Partners, LLC

Authors: Pangburn, Jeffrey and Kathi Pangburn

Publication Type: Report, Monograph, or Book

Description of Undertaking (what does the project entail?)

Description: On the 22nd of October 2024, Jeffrey Pangburn, Joshua Judy, and Kyle Shannon with APAC conducted a class III archaeological survey of the existing Roberts AGX State #001 well pad reclamation area. This project is located in section 20 in T 16 S R 36 E; Lea County, New Mexico. The cultural resource inventory was conducted at the request of Dimitry Nikanorov with McNabb Partners, LLC representing Contango Resources, LLC. The project was conducted to meet or exceed all current professional standards for conducting cultural surveys in New Mexico.

McNabb Partners, LLC provided kmz files prior to the cultural survey. The Roberts AGX State #001 well (API 30-025-33406) is listed on the Oil Conservation Division (OCD) website (<https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/data/wells.aspx>) as having a spud date of 4-30-1996 therefore is not historic. The well pad reclamation area is an irregularly shaped pad that measures 2.85 (+/-) acres. This pad was surveyed with a 200' cultural buffer around the perimeter of the pad. A total of 12.24 (+/-) acres were surveyed for this project. The direct effect of the project totals 2.85 (+/-) acres. The indirect effect of the project totals 9.39 (+/-)acres.

During the course of the survey, no cultural sites were found in the project area. The survey found one isolated manifestation (IM) in the project area. The IM recorded is a shard of purple glass (see Table #3). Documentation of this IM has exhausted the information potential of the purple glass fragment and no new or

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity Number: 156953 HPD Log No(s). Report Details

significant information remains for further study. A pre-field review of the GLO database (<https://glorerecords.blm.gov>) found serial patent NMR 0020771 associated with the current project area. This serial patent was issued in 1914 under the authority of the 1898 New Mexico Territorial Grant. No artifacts were found in connection with the patent. The survey located no cultural sites and the project is recommended to proceed as it is currently planned.

The proposed project crosses through a plain/flat semi-arid desert environment in Lea County, New Mexico. Impacts to the proposed project area include an existing lease road, well pad, and fence line. The survey area of the proposed project is plotted on the attached project map. Location plots for the project were obtained by utilizing a survey grade hand held GPS.

Dates of Investigation

From: 19-Sep-2024 To: 22-Oct-2024

Report Date

Report Date: 25-Oct-2024

Performing Agency/Consultant

Name: APAC
Principal Investigator: Jeffrey Pangburn
Field Supervisor: Jeffrey Pangburn
Field Personnel Names: Joshua Judy and Kyle Shannon
Historian/Other

Performing Agency Report Number

Report Number: APAC 24-09-09

Client/Customer (project proponent)

Name: Contango Resources, LLC represented by McNabb Partners, LLC
Contact: Dmitry Nikanorov with McNabb Partners, LLC
Address: PO Box 970, Hobbs, New Mexico 88241
Phone (917) 497-6890

Client/Customer Project Number

Project Number:

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity Number: 156953

HPD Log No(s).

Ownership & Location

Land Ownership Status (Must be indicated on Project Map)

Owner/Manager List:	Land Owner/Manager	Protocol	Acres Surveyed	Acres in APE
	NM State Land Office	200_Foot_Corridor	12.24	2.85

Total Survey Acreage: 12.24

Total Tribal Acreage: 0.00

Record Search(es)

Date of HPD/ARMS File Review: 19-Sep-2024

Date of Other Agency File Review 19-Sep-2024

Survey Data

Source Graphics: NAD 83

☒ USGS 7.5' (1:24,000) topo map ☐ Other Topo Map Scale:

☒ GPS Unit 1-10M

☐ Aerial Photos Other Source Graphic(s):

The following tables (b,c,& e) are calculated by the NMCRIS Map Service

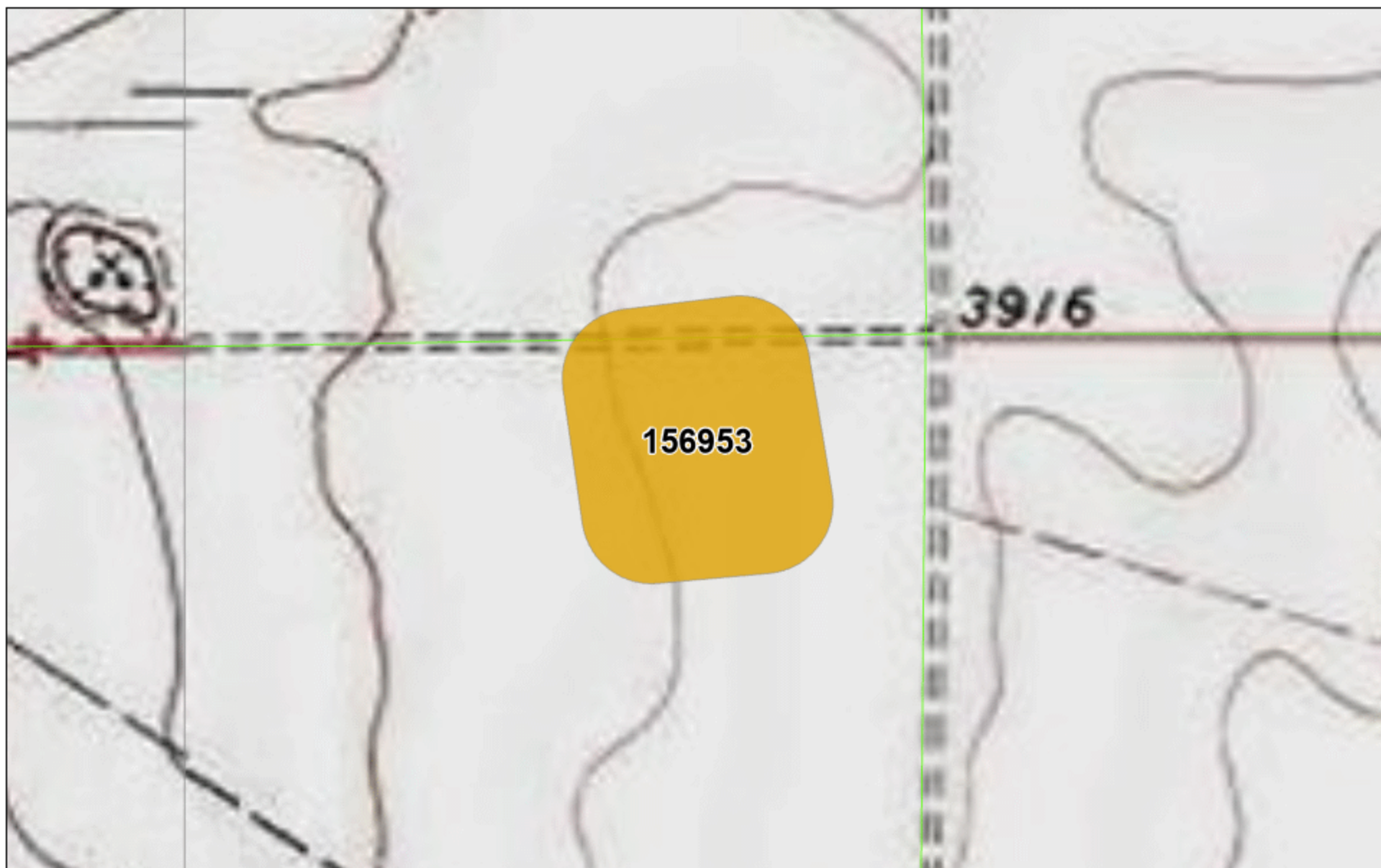
USGS 7.5' Topographic Map(s)		County(ies)		Legal Description			
Map Name	USGS Quad Code	County	FIPS	Unplatted	Township (N/S)	Range (E/W)	Section
Lovington, NM	32103-H3	LEA	35023	No	T16S	R36E	17
				No	T16S	R36E	20

Projected Legal Description

Nearest City or Town: Lovington, NM

Other Description:

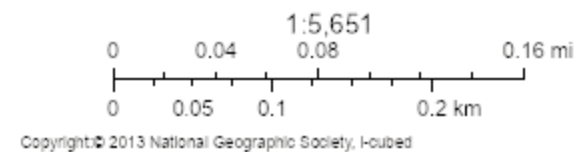
NMCRIS No: 156953



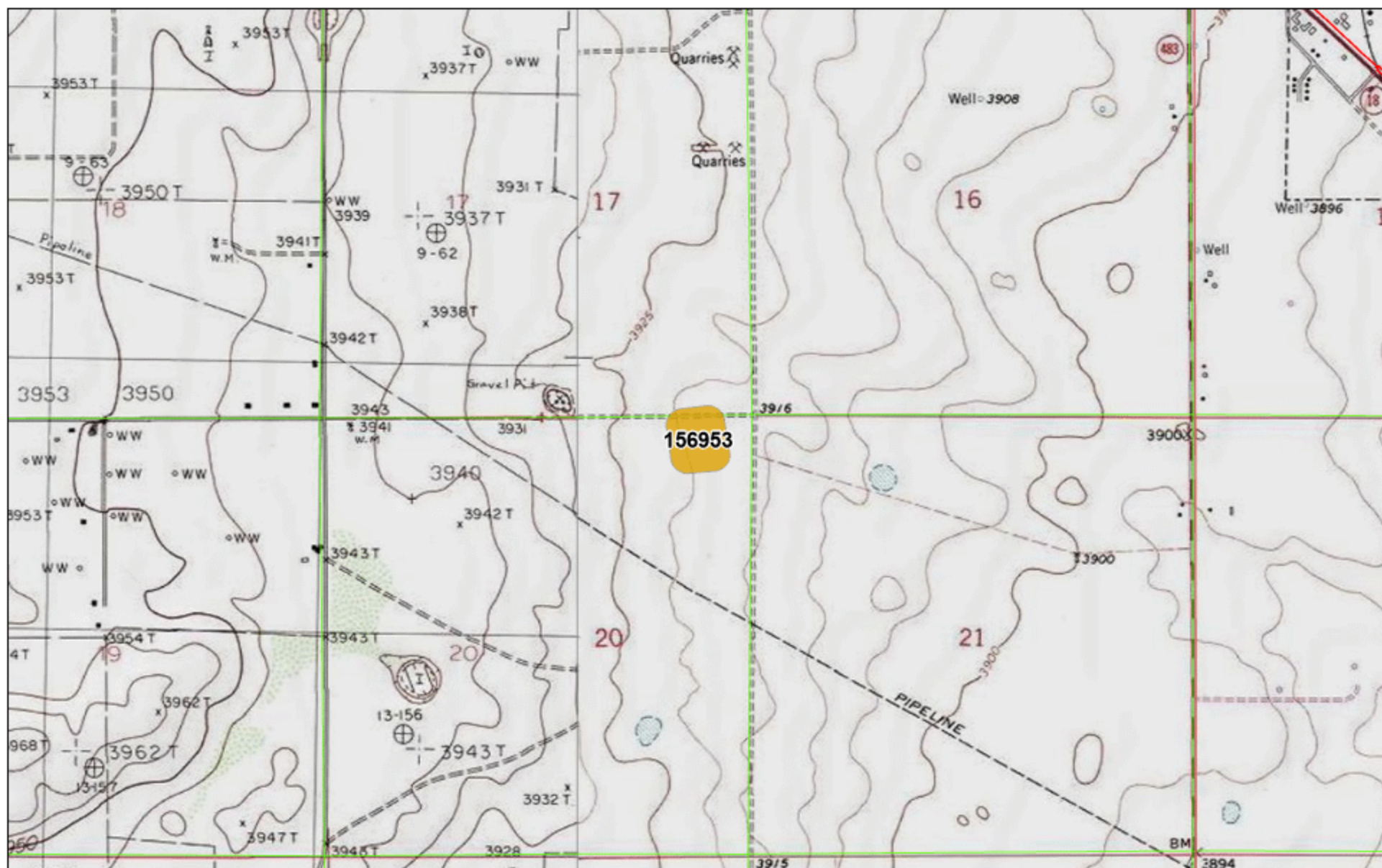
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Archaeological Surveys

Proposed



NMCRIS No: 156953



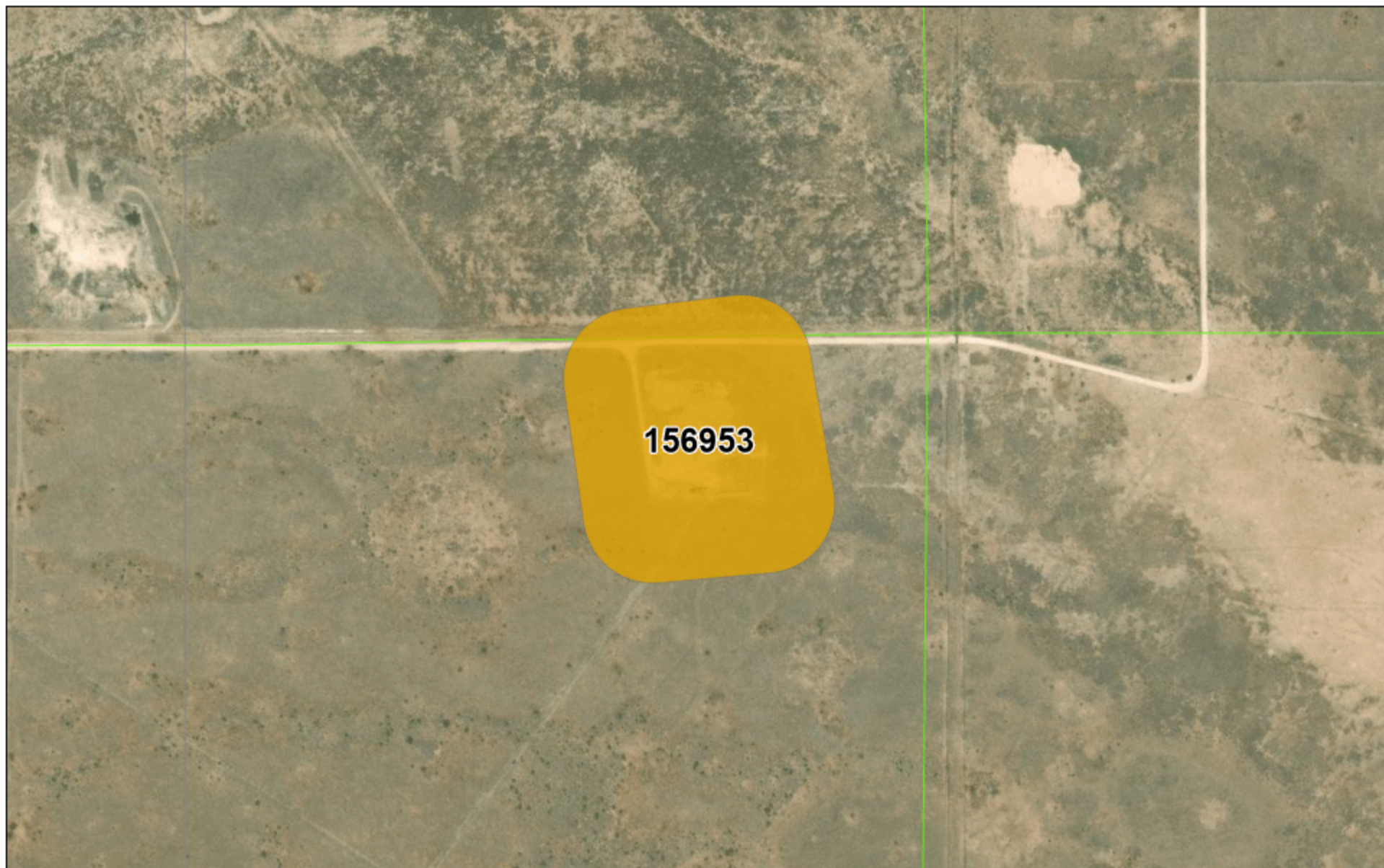
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Archaeological Surveys

 Proposed

Copyright © 2013 National Geographic Society, I-cubed

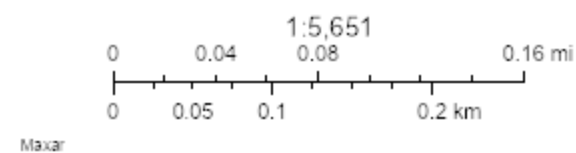
NMCRIS No: 156953



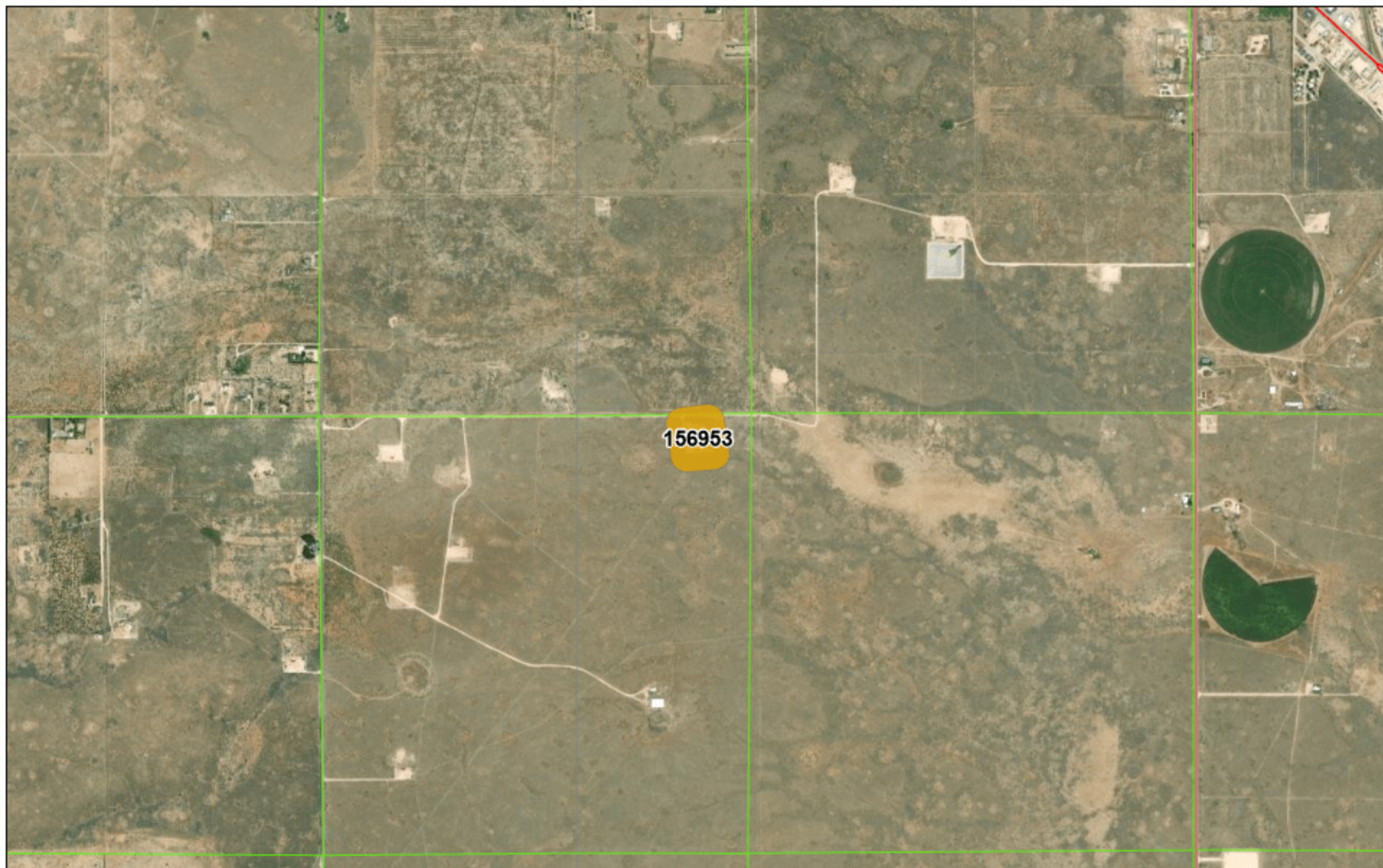
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Archaeological Surveys

 Proposed



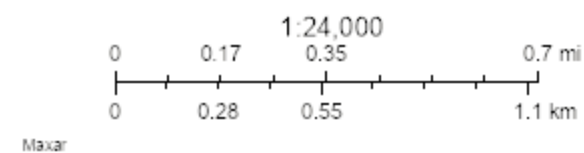
NMCRIS No: 156953



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Archaeological Surveys

 Proposed



Report run on: Oct 28, 2024 03:27 PM

NMCRIS Investigation Abstract Form (NIAF)**NMCRIS Activity Number: 156953****HPD Log No(s).****Methodology****Survey Field Methods****Intensity:** 100% coverage**Configuration:** ☒ Block Survey Units ☐ Linear Survey Units (l x y)**Other Survey Units****Scope:** All Resources**Coverage Method:** ☒ Systematic Pedestrian Coverage **Other Method:****Survey Interval (m):** 15 **Crew Size** 3**Fieldwork Dates** **From** 19-Sep-2024 **To** 22-Oct-2024**Survey Person Hours:** 6.00 **Recording Person Hours** 0.50

Additional Narrative: Pre-field investigations of the proposed project area consist of the review of web sites and project files located at the BLM-CFO, the Archaeological Records Management Section (ARMS), and the General Land Office (GLO). The ARMS and GLO searches were conducted on the 19th of September 2024, the records search at the BLM followed on the same day. No known cultural sites were located within 1,000 meters of the project area for reporting to the state. A review of the GLO files found serial patent NMR 0020771 associated with the current project area. This serial patent was issued in 1914 under the authority of the June 21, 1898: New Mexico Territorial Grant (30 Stat. 484). The patent details a transfer of land from the US government to the State of New Mexico. Artifacts were not found in connection with the patent.

It was determined that the proposed well pad reclamation area would be surveyed with a 200' (+/-) cultural buffer. The impact area for the proposed project is estimated to be 2.85 (+/-) acres. The cultural investigation was conducted by means of a pedestrian survey, with three field personnel, walking at 15-meter intervals for 100% coverage of the survey area. This survey was designed to meet, but not limited to, all current professional standards for conducting cultural surveys in the State of New Mexico. The authority for these standards comes in part from Section 106 of the National Historic Preservation Act of 1966, the Antiquities Act of 1906 and the Historic Sites Act of 1935, along with all additional federal and state laws for preserving and protecting cultural resources.

Environmental Setting (NRCS soil designation; vegetative community; elevation; etc.)

Environmental Setting: Topography: plain/flat semi-arid desert environment
Vegetation: mesquite, yucca, drop-seed grass, cholla, and various other desert cacti, grasses, and forbs.
NRCS: Kimbrough-Lea association: Nearly level and gently sloping, gravelly and loamy soils that are moderately deep to indurated caliche
Physiographic Unit: Llano Estacado

Report run on: Oct 28, 2024 03:27 PM

NMCRIS Investigation Abstract Form (NIAF)**NMCRIS Activity Number: 156953****HPD Log No(s).****Methodology**

Aspect: 360 degrees

Elevation: 3915' – 3920'

Lithic Resources: Some cherts, in gravels, very sparse.

Water Sources: (Potential) various unnamed drainages bisecting the project area.

(Permanent) The Pecos River, 58 miles west of the proposed ROW.

Percent Ground Visibility**Ground Visibility:** Unknown**Condition of Survey** Grazed and bladed with various oilfield developments.**Area:****Attachments (check all appropriate boxes)**

- ☒ USGS 7.5 Topographic Map with sites, isolates, and survey area clearly drawn (required)
- ☒ Copy of NMCRIS Map Check (required)
- ☐ LA Site Forms - new sites (with sketch map & topographic map) if applicable
- ☐ LA Site Forms (update) - previously recorded & un-relocated sites (first 2 pages minimum)
- ☐ Historic Cultural Property Inventory Forms, if applicable
- ☒ List and Description of Isolates, if applicable
- ☐ List and Description of Collections, if applicable

Other Attachments

- ☒ Photographs and Log
- ☒ Other attachments **Describe:** Pre-field Tables, IM Table, Land Patent

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity Number: 156953 HPD Log No(s).
Cultural Resource Findings

Investigation Results

Archaeological Sites Discovered and Registered:	0
Archaeological Sites Discovered and NOT Registered:	0
Previously Recorded Archaeological Sites Revisited (site update form required):	0
Previously Recorded Archaeological Sites Not Relocated (site update form required):	0
Total Archaeological Sites (visited & recorded):	0
Total Isolates Recorded:	1
HCPI Properties Discovered and Registered:	0
HCPI Properties Discovered And NOT Registered:	0
Previously Recorded HCPI Properties Revisited:	0
Previously Recorded HCPI Properties NOT Relocated:	0
Total HCPI Properties (visited & recorded, including acequias):	0

If No Cultural Resources Found, Discuss Why: No, the area may not have offered natural resources for indigenous cultural groups to exploit.

Management Summary

Summary: The survey located no cultural sites in the project area for the Roberts AGX State #001 well pad reclamation. Documentation of IM 1 has exhausted the information potential of the purple glass fragment and no new or significant information remains for further study. These findings allow for archaeological clearance to be recommended for the project as it is currently planned. If cultural materials are encountered, at any time, all work should cease and the project archaeologist or a New Mexico State Land Office staff archaeologist should be notified immediately.

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity Number: 156953

HPD Log No(s).

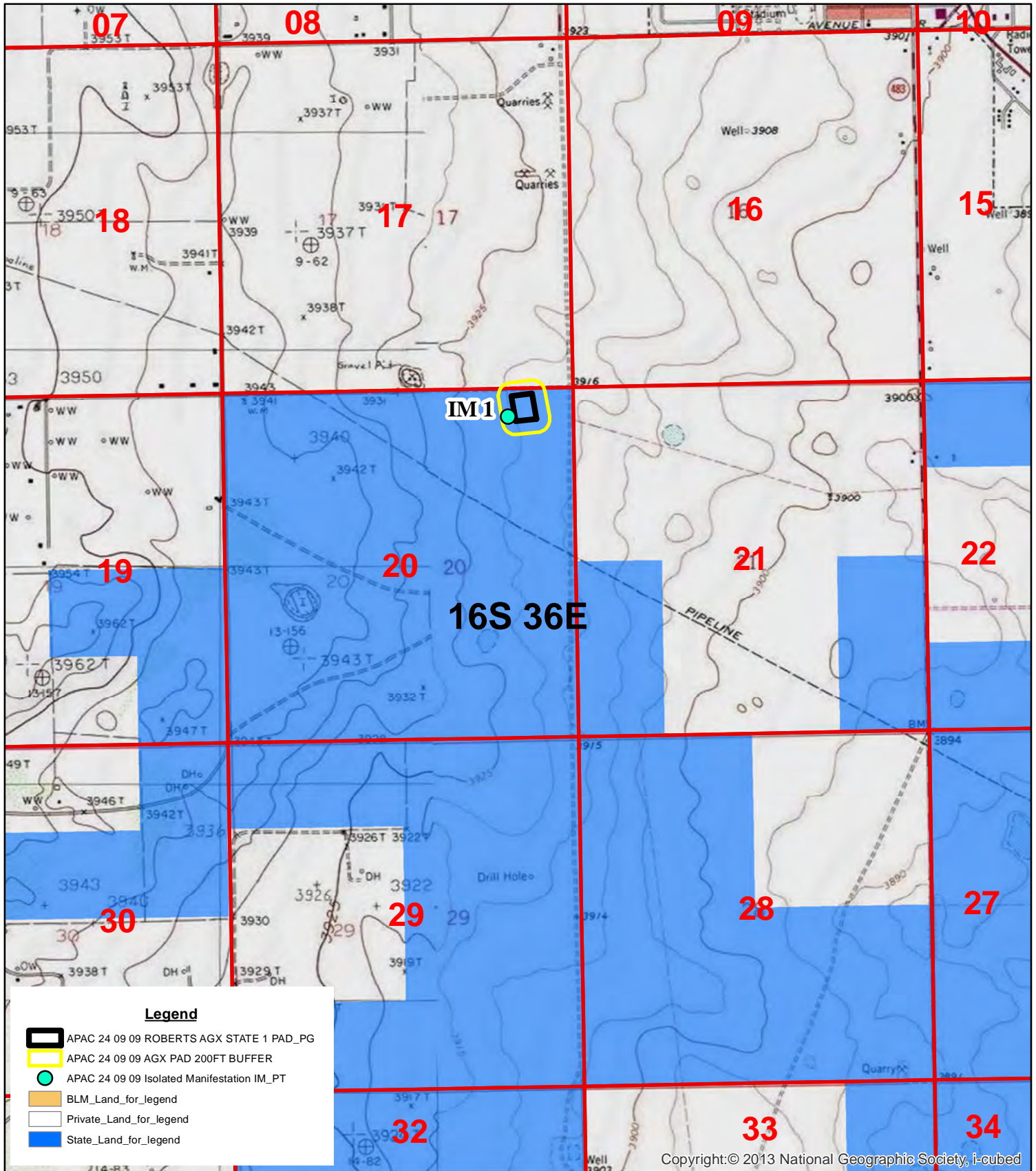
Attachments

Documents					
Attachment Type	Description	Name	File Type	Upload Date	Upload By

Scale 1:24,000

Project Map

APAC 24-09-09

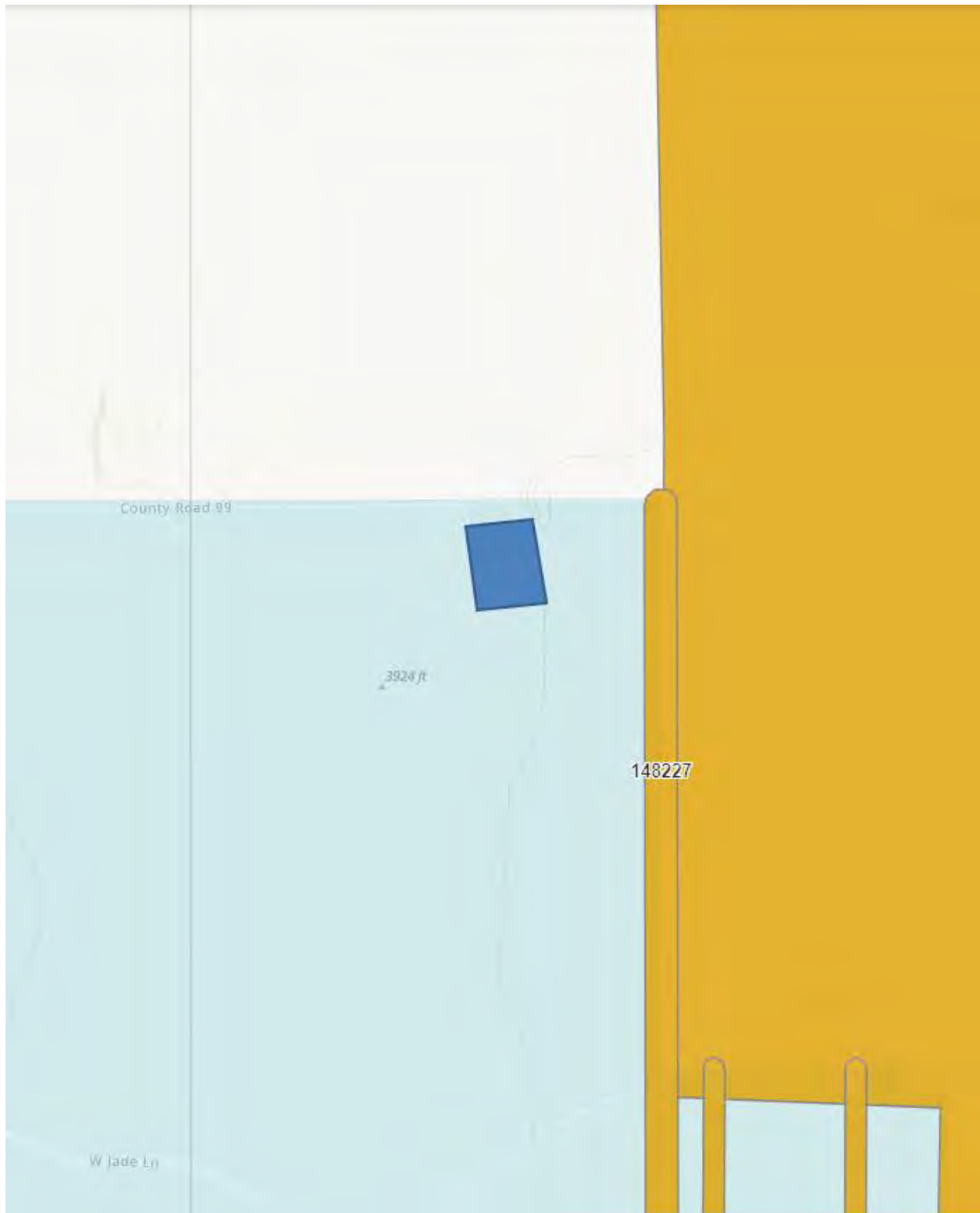


A location map of the Existing Roberts AGX State #1 Well Pad Reclamation Area for Contango Resources, LLC represented by McNabb Partners, LLC; Located in section 20 in T 16S R 36E; Lea County, NM.

Map Reference; LOVINGTON SE, NM (Prov. Ed. 1985) 32103-G3

ROBERTS AGX STATE #1 PAD

ARMS MAP




Land Patent Details

Accession Nr: [NMR 0020771](#) Document Type: [Serial Patent](#) State: [New Mexico](#) Issue Date: [1/30/1914](#) Cancelled: [No](#)

Names On Document

Miscellaneous Information

 NEW MEXICO STATE OF	Land Office:	Roswell
	US Reservations:	Yes
	Mineral Reservations:	No
	Tribe:	---
	Militia:	---
	State In Favor Of:	---
Military Rank:	---	
Authority:		June 21, 1898: New Mexico Territorial Grant (30 Stat. 484)

Document Numbers

Survey Information

Document Nr:	---	Total Acres:	640.00
Misc. Doc. Nr:	---	Survey Date:	---
BLM Serial Nr:	NMR 0020771	Geographic Name:	---
Indian Allot. Nr:	---	Metes/Bounds:	No

Land Descriptions

State	Meridian	Twp - Rng	Aliquots	Section	Survey #	County
NM	New Mexico PM	016S - 036E		20		Lea

Photo Log

Project#: APAC 24-09-09

NMCRIS #: 156953

Frame	Direction	Subject	Photographer	Note
1	Southeast	Project Overview	Kyle Shannon	
2	Down	Isolated Manifestation 1	Kyle Shannon	Purple glass fragment

APAC 24-09-09

NMCRIS # 156953

Frame 1 POV Southeast



APAC 24-09-09

NMCRIS # 156953

Frame 2 IM 1

Appendix C

Biological Review



McNabb Partners, LLC
Hobbs • Carlsbad • Midland



209 W McKay St
Carlsbad, New Mexico 88220
Tel. 432.701.2159
www.ntgenvironmental.com

November 21, 2024

Dimitry Nikanorov
Project Manager
5014 W Carlsbad Hwy
Hobbs, New Mexico 88240

**Re: Biological Review
Roberts AGX State #1
Contango Resources, LLC
Site Location: Unit A, S20, T16S, R36E
32.913933,-103.3705799
Lea County, New Mexico**

Mr. Dimitry Nikanorov,

On behalf of McNabb Partners, LLC (McNabb), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document a review of potential biological resources at the Roberts AGX State #1 (Site) for submittal to the New Mexico State Land Office (NMSLO). The Site is located in Unit Letter A, Section 20, of Township 16 South and Range 36 East in Lea County, New Mexico.

Special Status Plant Species

On November 21, 2024, NTGE completed a desktop review of potential habitat of Special Status Plant Species (SSPS) within the vicinity of the Site. The SSPS of concern included Allred's Flax, Gypsum milkvetch, Gypsum wild buckwheat, Kuenzler's hedgehog cactus, Lee's pincushion cactus, Scheer's beehive cactus, Tharp's blue-star, and Wright's waterwillow. The nearest potential habitat for SSPS is approximately 0.5 miles east of the Site, with no known occurrences. SSPS potential habitat zones as mapped by the Bureau of Land Management (BLM) can be seen in Figure 1.

Wildlife Habitat

On November 21, 2024 NTGE completed a desktop review of sensitive wildlife habitat within the vicinity of the Site. The Wildlife habitat of concern included the Dunes sagebrush lizard and Lesser prairie chicken. The desktop review included considerations such as habitat, core management area, habitat evaluation area, isolated population area, primary population area, and sparse and scattered population area. The nearest potential habitat zone is approximately 18 miles southwest of the Site. Wildlife habitat zones can be seen in Figure 2.

Migratory Species

On November 21, 2024, NTGE completed a desktop review of the migratory species that have the potential to be present and breeding within the vicinity of the Site. Species of consideration included the Monarch butterfly, Broad-tailed hummingbird, Chimney Swift, Ferruginous hawk, Golden eagle, Long-billed curlew, and Northern harrier. It was found that no migratory species have a high probability of presence or breeding within the vicinity of the Site until late January of 2025.

Mr. Nikanorov
November 21, 2024
Page 2 of 2

If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,
NTG Environmental



Jillian Smiley
Jr. Project Manager

Attachments:
Figures

FIGURES



LEGEND

- ★ Site Location
- JUSWRI_UnsurveyedSpace02022024
- AMSTHA_UnsurveyedSpace02022024
- CORROBSCH_UnsurveyedSpace02022024
- ERIGYP_UnsurveyedSpace02022024
- ASTGYP_UnsurveyedSpace02022024
- LINALL_UnsurveyedSpace02022024

**SSPS POTENTIAL HABITAT MAP
BIOLOGICAL REVIEW
ROBERTS AGX STATE #1
CONTANGO RESOURCES, LLC
LEA COUNTY, NEW MEXICO**



New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntgenviroinmental.com

NOTES:

- 1. Base Image: ESRI Maps & Data 2017
- 2. Map Projection: NAD 1983

DRAWING NUMBER:

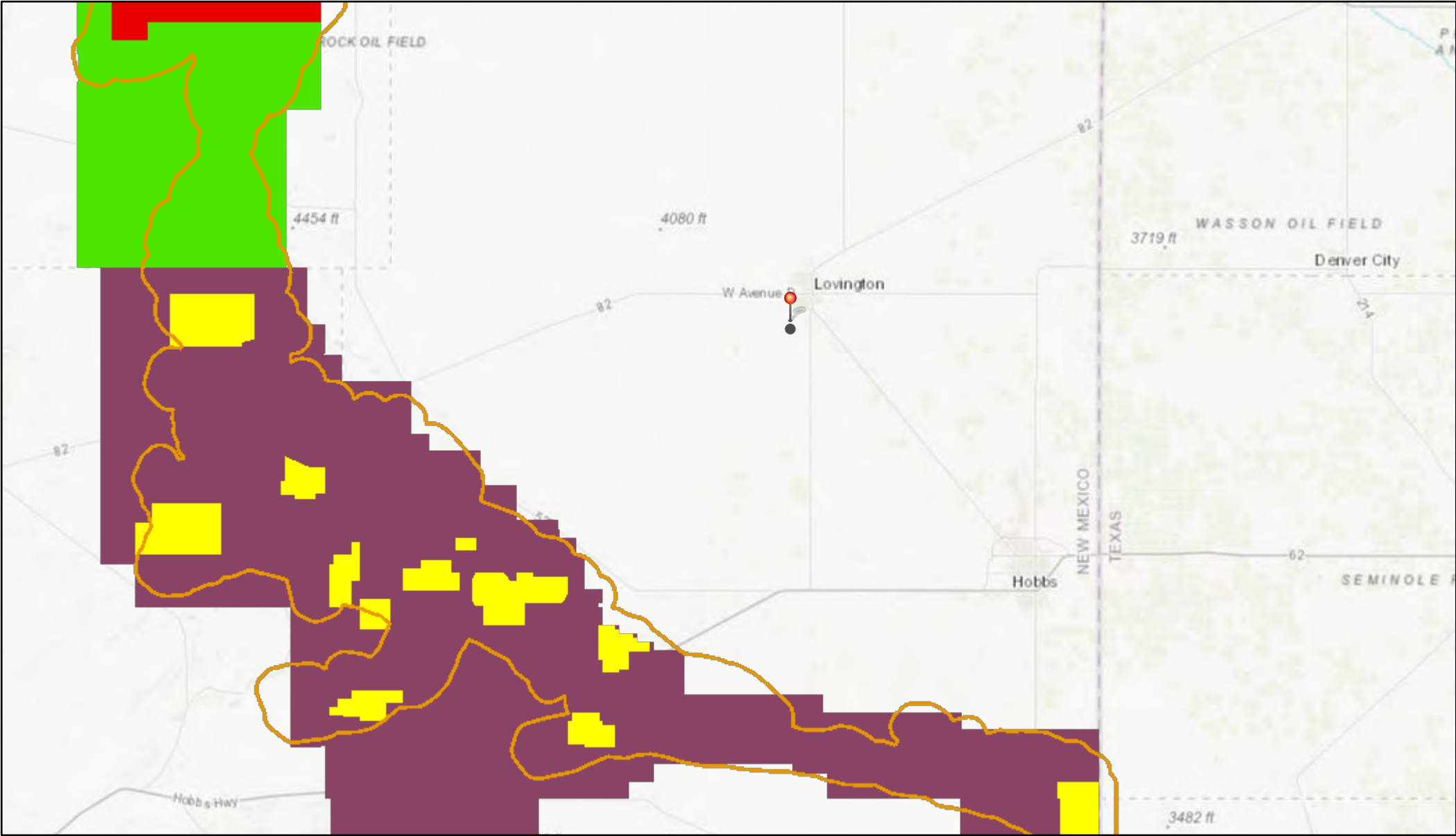
FIGURE 1

SHEET NUMBER:

1 of 1

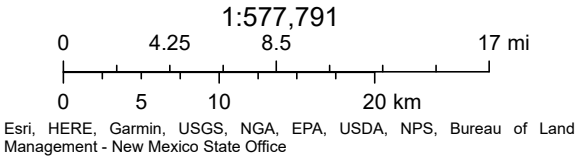
SCALE: AS SHOWN DATE: 11/21/2024 PROJECT #: 249353

Wildlife Habitat (Figure 2)



11/21/2024, 3:53:59 PM

- Lesser Prairie Chicken Habitat
- Core Management Area
- Habitat Evaluation Area
- Isolated Population Area
- Sparse and Scattered Population Area
- Dunes Sage Brush Lizard Habitat



Appendix D

Chains of Custodies and Laboratory Reports



McNabb Partners, LLC
Hobbs • Carlsbad • Midland



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

November 12, 2024

DIMITRY NIKANOROV

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: 20230713-ROBERTAGX 1

Enclosed are the results of analyses for samples received by the laboratory on 11/06/24 16:19.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	11/06/2024	Sampling Date:	11/01/2024
Reported:	11/12/2024	Sampling Type:	Soil
Project Name:	20230713-ROBERTAGX 1	Sampling Condition:	Cool & Intact
Project Number:	ROBERTS AGX STATE 1	Sample Received By:	Shalyn Rodriguez
Project Location:	ROBERTS AGX STATE 1		

Sample ID: BS - 17 4.2 FT (H246780-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6530	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 18 4.2 FT (H246780-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7330	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 19 4.2 FT (H246780-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6660	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 20 4.2 FT (H246780-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9330	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 21 4.2 FT (H246780-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2	
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7860	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.0 % 49.1-148

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Analytical Results For:

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Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 22 4.2 FT (H246780-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6800	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.0 % 49.1-148

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

Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 24 4.2 FT (H246780-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 25 4.2 FT (H246780-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 26 4.2 FT (H246780-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5840	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.0 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 27 4.2 FT (H246780-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8080	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	10.3	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 28 4.2 FT (H246780-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9330	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 29 4.2 FT (H246780-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9860	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 30 4.2 FT (H246780-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4480	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 31 4.2 FT (H246780-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 63.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.1 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 34 4.2 FT (H246780-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 37 4.2 FT (H246780-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6240	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 38 4.2 FT (H246780-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11900	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 39 4.2 FT (H246780-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6930	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 40 4.2 FT (H246780-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2		
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6800	16.0	11/11/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.9 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 41 4.2 FT (H246780-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	1.85	92.3	2.00	22.2	
Toluene*	<0.050	0.050	11/09/2024	ND	1.79	89.6	2.00	22.3	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	1.86	92.9	2.00	21.3	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	5.58	93.0	6.00	19.8	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	11/11/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	207	104	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	181	90.3	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.6 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 42 4.2 FT (H246780-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76		
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	11/08/2024	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 43 4.2 FT (H246780-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4680	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 44 4.2 FT (H246780-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76		
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 45 4.2 FT (H246780-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76		
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10300	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 46 4.2 FT (H246780-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4320	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 51 4.2 FT (H246780-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 52 4.2 FT (H246780-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 53 4.2 FT (H246780-28)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 54 4.2 FT (H246780-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 55 4.2 FT (H246780-30)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 56 4.2 FT (H246780-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3040	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 57 4.2 FT (H246780-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76		
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 82 4.2 FT (H246780-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76		
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 83 4.2 FT (H246780-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 DIMITRY NIKANOROV
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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 84 4.2 FT (H246780-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 85 4.2 FT (H246780-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 86 4.2 FT (H246780-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76		
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 87 4.2 FT (H246780-38)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76	
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 88 4.2 FT (H246780-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76		
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 89 4.2 FT (H246780-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.38	119	2.00	1.76		
Toluene*	<0.050	0.050	11/09/2024	ND	2.33	116	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.45	122	2.00	0.742		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.26	121	6.00	1.48		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	203	102	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	202	101	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 90 4.2 FT (H246780-41)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 91 4.2 FT (H246780-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1060	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 92 4.2 FT (H246780-43)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15		
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 93 4.2 FT (H246780-44)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 94 4.2 FT (H246780-45)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 95 4.2 FT (H246780-46)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 58 4.2 FT (H246780-47)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 61 4.2 FT (H246780-48)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 62 4.2 FT (H246780-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 64 4.2 FT (H246780-50)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15		
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 59 4.2 FT (H246780-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 60 4.2 FT (H246780-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 63 4.2 FT (H246780-53)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 65 4.2 FT (H246780-54)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15		
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 47 4.2 FT (H246780-55)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 35 4.2 FT (H246780-56)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 78 4.2 FT (H246780-57)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 77 4.2 FT (H246780-58)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 36 4.2 FT (H246780-59)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEx	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 75 4.2 FT (H246780-60)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	11/09/2024	ND	2.17	108	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.46	123	2.00	3.61	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.50	125	6.00	3.97	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	211	106	200	2.40	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	192	95.8	200	6.42	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 74 4.2 FT (H246780-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44		
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 73 4.2 FT (H246780-62)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	11/06/2024	Sampling Date:	11/06/2024
Reported:	11/12/2024	Sampling Type:	Soil
Project Name:	20230713-ROBERTAGX 1	Sampling Condition:	Cool & Intact
Project Number:	ROBERTS AGX STATE 1	Sample Received By:	Shalyn Rodriguez
Project Location:	ROBERTS AGX STATE 1		

Sample ID: BS - 96 4.2 FT (H246780-63)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 69 4.2 FT (H246780-64)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1020	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 97 4.2 FT (H246780-65)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 98 4.2 FT (H246780-66)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 99 4.2 FT (H246780-67)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44		
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 100 4.2 FT (H246780-68)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44		
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 101 4.2 FT (H246780-69)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 102 4.2 FT (H246780-70)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 103 4.2 FT (H246780-71)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 104 4.2 FT (H246780-72)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 66 4.2 FT (H246780-73)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44		
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	11/08/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 67 4.2 FT (H246780-74)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 68 4.2 FT (H246780-75)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 70 4.2 FT (H246780-76)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 P. O. BOX 5753
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 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 71 4.2 FT (H246780-77)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 72 4.2 FT (H246780-78)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEx	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 76 4.2 FT (H246780-79)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 48 4.2 FT (H246780-80)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.11	105	2.00	1.44	
Toluene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	1.13	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.14	107	2.00	0.629	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.36	106	6.00	0.0916	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	11/08/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	199	99.7	200	0.921	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 49 4.2 FT (H246780-81)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.18	109	2.00	3.92	
Toluene*	<0.050	0.050	11/09/2024	ND	2.08	104	2.00	3.61	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.07	103	2.00	3.67	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.12	102	6.00	3.83	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	11/11/2024	ND	416	104	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	195	97.5	200	2.81	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	187	93.7	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 11/06/2024
 Reported: 11/12/2024
 Project Name: 20230713-ROBERTAGX 1
 Project Number: ROBERTS AGX STATE 1
 Project Location: ROBERTS AGX STATE 1

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS - 50 4.2 FT (H246780-82)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.18	109	2.00	3.92	
Toluene*	<0.050	0.050	11/09/2024	ND	2.08	104	2.00	3.61	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.07	103	2.00	3.67	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.12	102	6.00	3.83	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	195	97.5	200	2.81	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	187	93.7	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

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A handwritten signature in black ink, appearing to read "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: McNabb Partners		P.O. #: 20250715-roberta6x1		BILL TO		ANALYSIS REQUEST	
Project Manager: Diversity McNabb		Company: McNabb Partners					
Address: IN-File		Attn: Robert McNabb					
City:	State:	Zip:	Address:				
Phone #:	Fax #:	City:		Address:			
Project #:	Project Owner:		State:	Zip:			
Project Name: 20250715-roberta6x1		Phone #:					
Project Location: Robert's 6th State 1		Fax #:					
Sampler Name: Cher's Topher Turner							
FOR LAB USE ONLY							
Lab I.D.		Sample I.D.					
11/24/20		11/24/20					
1		1					
2		2					
3		3					
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5		5					
6		6					
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: <u>McNabb Partners</u>		P.O. #: <u>20230713-robertagx1</u>	
Project Manager: <u>Pliny N. Kurov</u>		Company: <u>McNabb Partners</u>	
Address: <u>On-File</u>		Attn: <u>Dr. W. J. McNabb</u>	
City:	State:	Zip:	Address:
Phone #:	Fax #:	City:	State:
Project #:	Project Owner:	State:	Zip:
Project Name: <u>20230713-robertagx1</u>		Phone #:	
Project Location: <u>Roberts Agri State 1</u>		Fax #:	
Sampler Name: <u>Christopher Turner</u>			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH (GRO+DRO+MRO)	BTEX (Benzene)
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
4344780	BS-41	4.2Ft	C									11/1	1:16	X		
20	BS-42	4.2Ft	1										1:27	X		
21	BS-43	4.2Ft											1:35	X		
22	BS-44	4.2Ft											1:42			
23	BS-45	4.2Ft											1:51			
24	BS-46	4.2Ft											2:09			
25	BS-51	4.2Ft											2:18			
26	BS-52	4.2Ft											2:26			
27	BS-53	4.2Ft											2:39			
28	BS-54	4.2Ft														

Relinquished By: <u>Star</u>		Date: <u>11/24</u>		Received By: <u>Spodriguey</u>		Date: <u>11/24</u>	
Relinquished By: <u>Star</u>		Time: <u>1:00</u>		Received By: <u>Spodriguey</u>		Time: <u>1:00</u>	
Delivered By: (Circle One)		Observed Temp. °C: <u>-4.8</u>		Sample Condition		CHECKED BY: <u>SPK</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: <u>7.4</u>		Cool Intact		Thermometer ID #140	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Correction Factor -0.6°C	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) Sample Condition	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Cool Intact	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Observed Temp. °C	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Corrected Temp. °C	

FORM 000-000-0000024

† Cardinal cannot accept verbal changes. Please email changes to cely.kee@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: McNabb Partners		BILL TO		ANALYSIS REQUEST													
Project Manager: Dmitry Nikanorov		P.O. #: 2230713-robert-Abx1															
Address: On-File		Company: McNabb Partners															
City:	State:	Zip:	Attn: Shirley M. McNabb														
Phone #:	Fax #:	Project Owner:	Address:														
Project #:		City:	State:	Zip:													
Project Name: 20230713-robert-Abx1		Phone #:															
Project Location: Robert's Abx State 1		Fax #:															
Sample Name: Chr15topher Turner																	
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV.	SAMPLING	DATE	TIME	Chloride to	TPH (GRO+DRO+MRO)	BTEx (Benzene)					
				GROUNDWATER	WASTEWATER								SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:
4210780	85-87	4.2F4	C	1				11/4	10:42	X	X	X					
41	85-10	4.2F4			X				10:51								
42	85-91	4.2F4							11:02								
43	85-92	4.2F4							11:12								
44	85-93	4.2F4							11:22								
45	85-94	4.2F4							11:32								
46	85-95	4.2F4							11:42								
47	85-58	4.2F4							11:52								
48	85-61	4.2F4							12:02								
49	85-62	4.2F4							12:12								
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 analyses. 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.																	
Relinquished By:		Date: 11-03-24	Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:												
Relinquished By:		Date: 11-03-24	Received By:		All Results are emailed. Please provide Email address:												
Delivered By: (Circle One)		Observed Temp. °C: -10.8	Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact		CHECKED BY: (Initials) SL		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"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C						
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -7.4	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No				Thermometer ID #140				Correction Factor -0.5°C						

FORM-000-R-3-09-00724

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: McNabb Partners Project Manager: Jimmy N. Kanover Address: On File City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: 20250713-roberts Agt 1 Project Location: Roberts Agt State 1 Sample Name: Christopher Turner FOR LAB USE ONLY				BILL TO P.O. #: 20250713-roberts Agt 1 Company: McNabb Partners Attn: Jimmy Kanover Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____				ANALYSIS REQUEST							
Lab I.D. H214780		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING			
BS-64 4.2FT C 1		BS-59 4.2FT BS-60 4.2FT BS-65 4.2FT BS-64 4.2FT BS-47 4.2FT BS-35 4.2FT BS-78 4.2FT BS-77 4.2FT BS-36 4.2FT		SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE 11/4 12:22 12:32 12:42 12:52 1:02 1:12 1:22 1:32 1:42 1:52		TIME		Chloride TPH (6MO+DRO+HRO) BTEX (Benzene)					
Relinquished By: [Signature] Date: 11/03/14 Time: 1:49		Received By: Speedriguey Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____		Standard <input 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"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Observed Temp. °C		Corrected Temp. °C			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C -18.8 Corrected Temp. °C -17.4		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials) SFL		Turnaround Time: _____		Thermometer ID #140		Correction Factor -0.8°C			
REMARKS: Sample ID collections, 11-7 per customer. Speedriguey															



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO		P.O.#: 2230713-Robert Asst I			
		Company: McNabb Partners			
Project Manager: Dimity Nikanorov		Attn: Shipping & uncrushable packaging			
Address: DN-Fire					
City:	State:	Zip:			
Phone #:	Fax #:	Address:			
Project #:	Project Owner:				
Project Name: 2230713-Robert ASX1	State:	Zip:			
Project Location: Roberts ASX State 1	Phone #:				
Sampler Name: Christopher Turner	Fax #:				
FOR LAB USE ONLY					
Lab I.D.	Sample I.D.	MATRIX GROUNDWATER WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER :	PRESERV. ACID/BASE: ICE / COOL : OTHER :	DATETIME DATE TIME	ANALYSIS REQUEST
Hallway L60	BS-75	<input checked="" type="checkbox"/>	X	11/4 2:02	X Chloride
L61	BS-74	<input checked="" type="checkbox"/>	X	2:12	X TPH (GRO+DRO+mRo)
L62	BS-73	<input checked="" type="checkbox"/>	X	2:22	X BTEX (Benzene)
<p>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 losses 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.</p>					
Relinquished By: [Signature]		Date: 11/14/19	Received By: [Signature]	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____	
Reinquinshed By:		Date:	Time:	All Results are emailed. Please provide Email address:	
REMARKS:					
Turnaround Time:		Standard Rush <input type="checkbox"/> <input checked="" type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID #140 Correction Factor -0.6°C	Observed Temp. °C Corrected Temp. °C



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>McNabb Partners</u>		BILL TO		ANALYSIS REQUEST			
Project Manager: <u>Dmitry Nikanov</u>		P.O. #: <u>20250715-robert Asx1</u>					
Address: <u>M-file</u>		Company: <u>McNabb Partners</u>					
City:	State:	Zip:	Attn: <u>Dmitry Nikanov</u>				
Phone #:	Fax #:	Project Owner:	Address:				
Project #:	City:	State:	Zip:				
Project Name: <u>20250715-robert Asx1</u>	Phone #:	Fax #:					
Project Location: <u>Roberts Asx State 1</u>							
Sample Name: <u>Christopher Turner</u>							
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		MATRIX		PRESERV.	SAMPLING
		# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE
						ACID/BASE:	ICE / COOL
						OTHER :	
						DATE	TIME
<u>H2410780</u>	<u>BS-96</u>	<u>4.2Ft</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>11/6</u>	<u>8:36</u>
<u>U3</u>	<u>BS-96</u>	<u>4.2Ft</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>11/6</u>	<u>8:43</u>
<u>U4</u>	<u>BS-96</u>	<u>4.2Ft</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>11/6</u>	<u>8:47</u>
<u>U5</u>	<u>BS-97</u>	<u>4.2Ft</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>11/6</u>	<u>8:57</u>
<u>U6</u>	<u>BS-98</u>	<u>4.2Ft</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>11/6</u>	<u>9:15</u>
<u>U7</u>	<u>BS-99</u>	<u>4.2Ft</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>11/6</u>	<u>9:29</u>
<u>U8</u>	<u>BS-100</u>	<u>4.2Ft</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>11/6</u>	<u>9:37</u>
<u>U9</u>	<u>BS-101</u>	<u>4.2Ft</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>11/6</u>	<u>9:47</u>
<u>U10</u>	<u>BS-102</u>	<u>4.2Ft</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>11/6</u>	<u>9:56</u>
<u>U11</u>	<u>BS-103</u>	<u>4.2Ft</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>11/6</u>	<u>10:07</u>
<u>U12</u>	<u>BS-104</u>	<u>4.2Ft</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>11/6</u>	<u>10:07</u>
<p>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 analyses. 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.</p>							
Relinquished By: <u>[Signature]</u>	Date: <u>11-24</u>	Received By: <u>[Signature]</u>	Date: <u>11-24</u>	REMARKS: <u>*SAMPLE ID corrections</u>			
Relinquished By: <u>[Signature]</u>	Date: <u>11-24</u>	Received By: <u>[Signature]</u>	Date: <u>11-24</u>	REMARKS: <u>per customer. Stocking</u>			
Delivered By: (Circle One)	Observed Temp. °C: <u>10.8</u>	Sample Condition	CHECKED BY: <u>[Signature]</u>	Turnaround Time:			
Sampler - UPS - Bus - Other:	Corrected Temp. °C: <u>9.4</u>	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140			
				Correction Factor -0.5°C			
				Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>			
				Bacteria (only) Sample Condition			
				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			
				Observed Temp. °C			
				Corrected Temp. °C			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Mc Nabbs Partners				BILL TO				ANALYSIS REQUEST					
Project Manager: Dinitry Nikanov				P.O. #: 20230713-rebertax1									
Address: M-File				Company: Mc Nabbs Partners									
City:				Attn: Dinitry Nikanov									
State:				Address:									
Zip:				City:									
Phone #:				State:									
Fax #:				Zip:									
Project #:				Project Owner:									
Project Name: 20230713-rebertax1				City:									
Project Location: Roberts Agx State 1				State:									
Sample Name: Christopher Turner				Phone #:									
FOR LAB USE ONLY				Fax #:									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING	
								GROUNDWATER					
								WASTEWATER					
								SOIL					
								OIL					
								SLUDGE					
								OTHER :					
								ACID/BASE:					
								ICE / COOL					
								OTHER :					
								DATE		TIME			
H216780		BS-66		4.2Ft		C		11/6		10:21		X Chloride	
73		BS-67		4.2Ft		I				10:31		X TPH (GRO+MRO+DRO)	
74		BS-68		4.2Ft						10:43		X BTEX (Benzene)	
75		BS-70		4.2Ft						10:59			
76		BS-71		4.2Ft						11:07			
77		BS-72		4.2Ft						11:14			
78		BS-73		4.2Ft						11:22			
79		BS-48		4.2Ft						11:31			
80		BS-49		4.2Ft						11:42			
81		BS-50		4.2Ft									
82													

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Relinquished By:	Date: 11-6-24	Received By: Spectraquest	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
Relinquished By:	Date: 11-6-24	Received By: Spectraquest	All Results are emailed. Please provide Email address:
Delivered By: (Circle One)	Observed Temp. °C 24.8	Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time:
Sampler - UPS - Bus - Other:	Corrected Temp. °C 74.2	CHECKED BY: (Initials) STC	Thermometer ID #140
			Correction Factor -0.5°C
			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"/>
			Sample Condition <input type="checkbox"/> Observed Temp. °C
			Corrected Temp. °C

REMARKS: *sample ID corrections - per customer. Spectraquest 11-7-24

FORM 0001-R-03-06/05/24

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

December 19, 2024

DIMITRY NIKANOROV

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: ROBERT AGX

Enclosed are the results of analyses for samples received by the laboratory on 12/13/24 15:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	12/13/2024	Sampling Date:	12/13/2024
Reported:	12/19/2024	Sampling Type:	Soil
Project Name:	ROBERT AGX	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CONTANGO - LEA CO NM		

Sample ID: WS - 03 0-4.2' (H247574-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.02	101	2.00	0.562	
Toluene*	<0.050	0.050	12/17/2024	ND	2.15	107	2.00	2.10	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.24	112	2.00	3.57	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.80	113	6.00	4.17	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/18/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	170	85.1	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	167	83.6	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 12/13/2024
 Reported: 12/19/2024
 Project Name: ROBERT AGX
 Project Number: NONE GIVEN
 Project Location: CONTANGO - LEA CO NM

Sampling Date: 12/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: WS - 04 0-4.2' (H247574-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.02	101	2.00	0.562	
Toluene*	<0.050	0.050	12/17/2024	ND	2.15	107	2.00	2.10	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.24	112	2.00	3.57	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.80	113	6.00	4.17	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/18/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	170	85.1	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	167	83.6	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 12/13/2024
 Reported: 12/19/2024
 Project Name: ROBERT AGX
 Project Number: NONE GIVEN
 Project Location: CONTANGO - LEA CO NM

Sampling Date: 12/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: WS - 06 0-4.2' (H247574-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.02	101	2.00	0.562		
Toluene*	<0.050	0.050	12/17/2024	ND	2.15	107	2.00	2.10		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.24	112	2.00	3.57		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.80	113	6.00	4.17		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	12/18/2024	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	170	85.1	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	167	83.6	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 12/13/2024
 Reported: 12/19/2024
 Project Name: ROBERT AGX
 Project Number: NONE GIVEN
 Project Location: CONTANGO - LEA CO NM

Sampling Date: 12/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: WS - 07 0-4.2' (H247574-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.02	101	2.00	0.562		
Toluene*	<0.050	0.050	12/17/2024	ND	2.15	107	2.00	2.10		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.24	112	2.00	3.57		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.80	113	6.00	4.17		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	12/18/2024	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	170	85.1	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	167	83.6	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 12/13/2024
 Reported: 12/19/2024
 Project Name: ROBERT AGX
 Project Number: NONE GIVEN
 Project Location: CONTANGO - LEA CO NM

Sampling Date: 12/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: WS - 08 0-4.2' (H247574-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.02	101	2.00	0.562		
Toluene*	<0.050	0.050	12/17/2024	ND	2.15	107	2.00	2.10		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.24	112	2.00	3.57		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.80	113	6.00	4.17		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/17/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	170	85.1	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	167	83.6	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 12/13/2024
 Reported: 12/19/2024
 Project Name: ROBERT AGX
 Project Number: NONE GIVEN
 Project Location: CONTANGO - LEA CO NM

Sampling Date: 12/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: WS - 09 0-4.2' (H247574-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.02	101	2.00	0.562		
Toluene*	<0.050	0.050	12/17/2024	ND	2.15	107	2.00	2.10		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.24	112	2.00	3.57		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.80	113	6.00	4.17		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: McNabb Partners		P.O. #:		ANALYSIS REQUEST									
Project Manager: Dimitri Nikanorov		Company: McNabb Partners											
Address: 5014 W Carlsbad Hwy		State: NM Zip: 88240											
City: Hobbs		Attn:											
Phone #:		Fax #:											
Project #:		Project Owner: Contango											
Project Name: Roberts AGX		City:											
Project Location: Lovington, NM Lea County		State:											
Sampler Name: Auden Escalada		Phone #:											
FOR LAB USE ONLY		Fax #:											
Lab I.D. H04754 183452	Sample I.D. WS-03 WS-04 WS-06 WS-07 WS-08 WS-09	(G)RAB OR (C)OMP. # CONTAINERS:	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	TPH	Chloride	BTEX				
Relinquished By: [Signature]		Date: 18-13-24		Received By: [Signature]		Date: 18-13-24							
Relinquished By: [Signature]		Date: 18-13-24		Received By: [Signature]		Date: 18-13-24							
Time:		Time:		Time:		Time:							
Observed Temp. °C: 27.2		Sample Condition: Cool Intact		CHECKED BY: [Signature]		Turnaround Time:							
Corrected Temp. °C: 27.2		Yes <input type="checkbox"/> No <input type="checkbox"/>				Standard <input checked="" type="checkbox"/> KUSN							
Sampler - UPS - Bus - Other:		Yes <input type="checkbox"/> No <input type="checkbox"/>				Bacteria (only) Sample Condition:							
		Yes <input type="checkbox"/> No <input type="checkbox"/>				Cool Intact:							
		Yes <input type="checkbox"/> No <input type="checkbox"/>				Observed Temp. °C:							
		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 30, 2024

ANDREW PARKER
MC NABB SERVICES
P. O. BOX 5753
HOBBS, NM 88240

RE: ROBERT AGX STATE 1

Enclosed are the results of analyses for samples received by the laboratory on 12/20/24 15:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/30/2024	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE 1	Sampling Condition:	Cool & Intact
Project Number:	20230713-1151-ROBERTAGX1	Sample Received By:	Shalyn Rodriguez
Project Location:	CONTANGO - LEA CO NM		

Sample ID: WS - 01 0-4.2 FT (H247737-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	2.16	108	2.00	2.32	
Toluene*	<0.050	0.050	12/26/2024	ND	2.08	104	2.00	3.25	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.09	105	2.00	4.43	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.32	105	6.00	5.06	
Total BTEX	<0.300	0.300	12/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	189	94.3	200	1.25	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/30/2024	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE 1	Sampling Condition:	Cool & Intact
Project Number:	20230713-1151-ROBERTAGX1	Sample Received By:	Shalyn Rodriguez
Project Location:	CONTANGO - LEA CO NM		

Sample ID: WS - 02 0-4.2 FT (H247737-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.16	108	2.00	2.32		
Toluene*	<0.050	0.050	12/26/2024	ND	2.08	104	2.00	3.25		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.09	105	2.00	4.43		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.32	105	6.00	5.06		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	189	94.3	200	1.25	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 64.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/30/2024	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE 1	Sampling Condition:	Cool & Intact
Project Number:	20230713-1151-ROBERTAGX1	Sample Received By:	Shalyn Rodriguez
Project Location:	CONTANGO - LEA CO NM		

Sample ID: WS - 05 0-4.2 FT (H247737-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.16	108	2.00	2.32		
Toluene*	<0.050	0.050	12/26/2024	ND	2.08	104	2.00	3.25		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.09	105	2.00	4.43		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.32	105	6.00	5.06		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	189	94.3	200	1.25	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	197	98.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/30/2024	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE 1	Sampling Condition:	Cool & Intact
Project Number:	20230713-1151-ROBERTAGX1	Sample Received By:	Shalyn Rodriguez
Project Location:	CONTANGO - LEA CO NM		

Sample ID: WS - 10 0-4.2 FT (H247737-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.16	108	2.00	2.32		
Toluene*	<0.050	0.050	12/26/2024	ND	2.08	104	2.00	3.25		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.09	105	2.00	4.43		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.32	105	6.00	5.06		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1150	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	214	107	200	0.254	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	208	104	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/30/2024	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE 1	Sampling Condition:	Cool & Intact
Project Number:	20230713-1151-ROBERTAGX1	Sample Received By:	Shalyn Rodriguez
Project Location:	CONTANGO - LEA CO NM		

Sample ID: WS - 11 0-4.2 FT (H247737-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.16	108	2.00	2.32		
Toluene*	<0.050	0.050	12/26/2024	ND	2.08	104	2.00	3.25		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.09	105	2.00	4.43		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.32	105	6.00	5.06		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	214	107	200	0.254	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	208	104	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/30/2024	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE 1	Sampling Condition:	Cool & Intact
Project Number:	20230713-1151-ROBERTAGX1	Sample Received By:	Shalyn Rodriguez
Project Location:	CONTANGO - LEA CO NM		

Sample ID: WS - 12 0-4.2 FT (H247737-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.16	108	2.00	2.32		
Toluene*	<0.050	0.050	12/26/2024	ND	2.08	104	2.00	3.25		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.09	105	2.00	4.43		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.32	105	6.00	5.06		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	214	107	200	0.254	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	208	104	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/30/2024	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE 1	Sampling Condition:	Cool & Intact
Project Number:	20230713-1151-ROBERTAGX1	Sample Received By:	Shalyn Rodriguez
Project Location:	CONTANGO - LEA CO NM		

Sample ID: WS - 13 0-4.2 FT (H247737-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.16	108	2.00	2.32		
Toluene*	<0.050	0.050	12/26/2024	ND	2.08	104	2.00	3.25		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.09	105	2.00	4.43		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.32	105	6.00	5.06		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	214	107	200	0.254	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	208	104	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Mike Snyder For 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

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For 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: McNabb Partners								BILL TO				ANALYSIS REQUEST					
Project Manager: Dimityr Nikanov				P.O.#:													
Address: 5014 W Carlsbad Hwy				Company: McNabb Partners													
City: Hobbs	State: NM	Zip: 88240				Attn: dimityr@mcnabpartners											
Phone #:	Fax #:			Address:													
Project #:	Project Owner:			City:													
Project Name: 20230713-1151-robertsAGX1				State:	Zip:												
Project Location: Roberts AGX State 1				Phone #:													
Sampler Name: Christopher Turner				Fax #:													
FOR LAB USE ONLY																	

Lab I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV	SAMPLING									
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	TPH					Chloride	BTEX		
WS-01	0-4.2FT	C 1	X							X	12/20/24	10:30	X	X	X					
WS-02	0-4.2FT	C 1	X							X	12/20/24	10:36	X	X	X					
WS-05	0-4.2FT	C 1	X							X	12/20/24	10:42	X	X	X					
WS-10	0-4.2FT	C 1	X							X	12/20/24	10:50	X	X	X					
WS-11	0-4.2FT	C 1	X							X	12/20/24	11:02	X	X	X					
WS-12	0-4.2FT	C 1	X							X	12/20/24	11:11	X	X	X					
WS-13	0-4.2FT	C 1	X							X	12/20/24	11:19	X	X	X					

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Relinquished By:	Date: 12-20-24	Received By:	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
Time: 1:50P	All Results are emailed. Please provide Email address:		
Date:	Time:	Remarks:	
Delivered By: (Circle One)	Observed Temp. °C: 2.3	Sample Condition: <input checked="" type="checkbox"/> Cool Intact <input type="checkbox"/> Not Cool Intact	Turnaround Time:
Sampler - UPS - Bus - Other:	Corrected Temp. °C: 1.7	CHECKED BY: (Initials) [Signature]	Standard: <input checked="" type="checkbox"/> KUSH
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Thermometer ID #140
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Correction Factor -0.5°C	Observed Temp. °C:



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

February 14, 2025

DIMITRY NIKANOROV

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: ROBERTS AGX 1

Enclosed are the results of analyses for samples received by the laboratory on 01/13/25 16:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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:MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484Reported:
14-Feb-25 16:07

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BS - 80 0.5FT	H250173-01	Soil	09-Jan-25 12:03	13-Jan-25 16:26
WS - 15 0-0.5FT	H250173-02	Soil	09-Jan-25 12:09	13-Jan-25 16:26
WS - 16 0-0.5FT	H250173-03	Soil	09-Jan-25 12:14	13-Jan-25 16:26
WS - 17 0-0.5FT	H250173-04	Soil	09-Jan-25 12:19	13-Jan-25 16:26
WS - 18 0-0.5FT	H250173-05	Soil	09-Jan-25 12:25	13-Jan-25 16:26

02/14/25 - Client changed the sample depths and changed samples from grabs to composites (see COC). This is the revised report and will replace the one sent on 01/17/25.

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:07

BS - 80 0.5FT**H250173-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1420		16.0	mg/kg	4	5011513	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011426	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134 5011426 JH 15-Jan-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane 106 % 48.2-134 5011412 MS 15-Jan-25 8015B

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148 5011412 MS 15-Jan-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:07

WS - 15 0-0.5FT
H250173-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	5011513	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5011426	JH	15-Jan-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		105 %		71.5-134	5011426	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>		106 %		48.2-134	5011412	MS	15-Jan-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		97.4 %		49.1-148	5011412	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:07

WS - 16 0-0.5FT
H250173-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1120		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011426	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134 5011426 JH 15-Jan-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane 108 % 48.2-134 5011412 MS 15-Jan-25 8015B

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148 5011412 MS 15-Jan-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:07

WS - 17 0-0.5FT
H250173-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	832		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011426	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134 5011426 JH 15-Jan-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane 116 % 48.2-134 5011412 MS 15-Jan-25 8015B

Surrogate: 1-Chlorooctadecane 107 % 49.1-148 5011412 MS 15-Jan-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:07

WS - 18 0-0.5FT**H250173-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011426	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		5011426	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			116 %	48.2-134		5011412	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	49.1-148		5011412	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:07

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5011513 - 1:4 DI Water**Blank (5011513-BLK1)**

Prepared & Analyzed: 15-Jan-25

Chloride	ND	16.0	mg/kg						
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LCS (5011513-BS1)

Prepared & Analyzed: 15-Jan-25

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (5011513-BSD1)

Prepared & Analyzed: 15-Jan-25

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20	
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Batch 5011518 - 1:4 DI Water**Blank (5011518-BLK1)**

Prepared & Analyzed: 15-Jan-25

Chloride	ND	16.0	mg/kg						
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LCS (5011518-BS1)

Prepared & Analyzed: 15-Jan-25

Chloride	416	16.0	mg/kg	400	104	80-120			
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LCS Dup (5011518-BSD1)

Prepared & Analyzed: 15-Jan-25

Chloride	448	16.0	mg/kg	400	112	80-120	7.41	20	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:07

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
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Batch 5011426 - Volatiles**Blank (5011426-BLK1)**

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0537		mg/kg	0.0500		107	71.5-134			

LCS (5011426-BS1)

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	2.01	0.050	mg/kg	2.00		101	82.8-130			
Toluene	2.15	0.050	mg/kg	2.00		108	86-128			
Ethylbenzene	2.25	0.050	mg/kg	2.00		112	85.9-128			
m,p-Xylene	4.52	0.100	mg/kg	4.00		113	89-129			
o-Xylene	2.25	0.050	mg/kg	2.00		113	86.1-125			
Total Xylenes	6.77	0.150	mg/kg	6.00		113	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0530		mg/kg	0.0500		106	71.5-134			

LCS Dup (5011426-BSD1)

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	2.12	0.050	mg/kg	2.00		106	82.8-130	5.24	15.8	
Toluene	2.16	0.050	mg/kg	2.00		108	86-128	0.438	15.9	
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	85.9-128	1.44	16	
m,p-Xylene	4.61	0.100	mg/kg	4.00		115	89-129	2.14	16.2	
o-Xylene	2.30	0.050	mg/kg	2.00		115	86.1-125	2.10	16.7	
Total Xylenes	6.91	0.150	mg/kg	6.00		115	88.2-128	2.13	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:07

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
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Batch 5011412 - General Prep - Organics**Blank (5011412-BLK1)**

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	57.1		mg/kg	50.0		114	48.2-134			
Surrogate: 1-Chlorooctadecane	52.4		mg/kg	50.0		105	49.1-148			

LCS (5011412-BS1)

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	177	10.0	mg/kg	200		88.5	81.5-123			
DRO >C10-C28	164	10.0	mg/kg	200		82.1	77.7-122			
Total TPH C6-C28	341	10.0	mg/kg	400		85.3	80.9-121			
Surrogate: 1-Chlorooctane	63.2		mg/kg	50.0		126	48.2-134			
Surrogate: 1-Chlorooctadecane	57.8		mg/kg	50.0		116	49.1-148			

LCS Dup (5011412-BSD1)

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	188	10.0	mg/kg	200		93.9	81.5-123	5.96	13	
DRO >C10-C28	191	10.0	mg/kg	200		95.7	77.7-122	15.3	15.6	
Total TPH C6-C28	379	10.0	mg/kg	400		94.8	80.9-121	10.6	18.5	
Surrogate: 1-Chlorooctane	59.0		mg/kg	50.0		118	48.2-134			
Surrogate: 1-Chlorooctadecane	56.9		mg/kg	50.0		114	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

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A handwritten signature in cursive script, appearing to read "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

[illegible]

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

February 14, 2025

DIMITRY NIKANOROV

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: ROBERTS AGX 1

Enclosed are the results of analyses for samples received by the laboratory on 01/13/25 16:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BS - 01 4.2FT	H250174-01	Soil	09-Jan-25 08:36	13-Jan-25 16:26
BS - 02 4.2FT	H250174-02	Soil	09-Jan-25 08:41	13-Jan-25 16:26
BS - 03 4.2FT	H250174-03	Soil	09-Jan-25 08:45	13-Jan-25 16:26
BS - 05 4.2FT	H250174-04	Soil	09-Jan-25 08:48	13-Jan-25 16:26
BS - 06 4.2FT	H250174-05	Soil	09-Jan-25 08:52	13-Jan-25 16:26
BS - 07 4.2FT	H250174-06	Soil	09-Jan-25 08:58	13-Jan-25 16:26
BS - 08 4.2FT	H250174-07	Soil	09-Jan-25 09:05	13-Jan-25 16:26
BS - 09 4.2FT	H250174-08	Soil	09-Jan-25 09:09	13-Jan-25 16:26
BS - 10 4.2FT	H250174-09	Soil	09-Jan-25 09:16	13-Jan-25 16:26
BS - 11 4.2FT	H250174-10	Soil	09-Jan-25 09:22	13-Jan-25 16:26
BS - 12 4.2FT	H250174-11	Soil	09-Jan-25 09:28	13-Jan-25 16:26
BS - 13 4.2FT	H250174-12	Soil	09-Jan-25 09:31	13-Jan-25 16:26
BS - 14 4.2FT	H250174-13	Soil	09-Jan-25 09:35	13-Jan-25 16:26
BS - 15 4.2FT	H250174-14	Soil	09-Jan-25 09:39	13-Jan-25 16:26
BS - 16 4.2FT	H250174-15	Soil	09-Jan-25 09:43	13-Jan-25 16:26
BS - 23 4.2FT	H250174-16	Soil	09-Jan-25 09:46	13-Jan-25 16:26
BS - 38.1 5FT	H250174-17	Soil	09-Jan-25 09:52	13-Jan-25 16:26
BS - 45.1 5FT	H250174-18	Soil	09-Jan-25 09:59	13-Jan-25 16:26
BS -79 1FT	H250174-19	Soil	09-Jan-25 10:07	13-Jan-25 16:26
BS - 81 4.2FT	H250174-20	Soil	09-Jan-25 10:12	13-Jan-25 16:26
BS - 04 4.2FT	H250174-21	Soil	09-Jan-25 10:16	13-Jan-25 16:26
BS - 126 4.2FT	H250174-22	Soil	09-Jan-25 10:19	13-Jan-25 16:26
BS - 127 4.2FT	H250174-23	Soil	09-Jan-25 10:25	13-Jan-25 16:26
BS - 32 4.2FT	H250174-24	Soil	09-Jan-25 10:29	13-Jan-25 16:26
BS - 33 4.2FT	H250174-25	Soil	09-Jan-25 10:33	13-Jan-25 16:26
BS - 105 4.2FT	H250174-26	Soil	09-Jan-25 10:36	13-Jan-25 16:26
BS - 106 4.2FT	H250174-27	Soil	09-Jan-25 10:42	13-Jan-25 16:26

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 107 4.2FT	H250174-28	Soil	09-Jan-25 10:45	13-Jan-25 16:26
BS - 108 4.2FT	H250174-29	Soil	09-Jan-25 10:52	13-Jan-25 16:26
BS - 109 4.2FT	H250174-30	Soil	09-Jan-25 10:56	13-Jan-25 16:26
BS - 110 4.2FT	H250174-31	Soil	09-Jan-25 11:01	13-Jan-25 16:26
BS - 111 4.2FT	H250174-32	Soil	09-Jan-25 11:05	13-Jan-25 16:26
BS - 112 4.2FT	H250174-33	Soil	09-Jan-25 11:11	13-Jan-25 16:26
BS - 113 4.2FT	H250174-34	Soil	09-Jan-25 11:14	13-Jan-25 16:26
BS - 114 4.2FT	H250174-35	Soil	09-Jan-25 11:19	13-Jan-25 16:26
BS - 115 4.2FT	H250174-36	Soil	09-Jan-25 11:24	13-Jan-25 16:26
WS - 12 .1 0-4.2FT	H250174-37	Soil	09-Jan-25 11:27	13-Jan-25 16:26
WS - 13 .1 0-4.2FT	H250174-38	Soil	09-Jan-25 11:32	13-Jan-25 16:26
WS - 14 0-1FT	H250174-39	Soil	09-Jan-25 11:39	13-Jan-25 16:26
WS - 19 0-4.2FT	H250174-40	Soil	09-Jan-25 11:43	13-Jan-25 16:26
WS - 20 0-4.2FT	H250174-41	Soil	09-Jan-25 11:49	13-Jan-25 16:26
WS - 21 0-4.2FT	H250174-42	Soil	09-Jan-25 11:54	13-Jan-25 16:26
WS - 22 0-4.2FT	H250174-43	Soil	09-Jan-25 11:59	13-Jan-25 16:26

01/20/25 - Client changed the sample depth of -17 and -18 (see COC). This is the revised report and will replace the one sent on 01/17/25.

02/14/25 - Client changed the sample ID of -21, -22 and -23 (see COC). This is the 2nd revision of the report and will replace the one sent on 01/20/25.

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 01 4.2FT**H250174-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1490		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5011426	JH	15-Jan-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5011426	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		113 %		71.5-134	5011426	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane		108 %		48.2-134	5011412	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane		97.1 %		49.1-148	5011412	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 02 4.2FT**H250174-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4400		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011412	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			109 %	48.2-134		5011412	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			99.5 %	49.1-148		5011412	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 03 4.2FT**H250174-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2400		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	

Surrogate: 1-Chlorooctane			79.3 %	48.2-134		5011413	MS	14-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			90.2 %	49.1-148		5011413	MS	14-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 05 4.2FT**H250174-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	976		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	

Surrogate: 1-Chlorooctane			91.2 %		48.2-134	5011413	MS	14-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			105 %		49.1-148	5011413	MS	14-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 06 4.2FT**H250174-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	656		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134 5011427 JH 15-Jan-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	

Surrogate: 1-Chlorooctane 87.4 % 48.2-134 5011413 MS 14-Jan-25 8015B

Surrogate: 1-Chlorooctadecane 100 % 49.1-148 5011413 MS 14-Jan-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 07 4.2FT**H250174-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1150		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	

Surrogate: 1-Chlorooctane			87.9 %	48.2-134		5011413	MS	14-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			100 %	49.1-148		5011413	MS	14-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 08 4.2FT**H250174-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	912		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			116 %		71.5-134	5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	

Surrogate: 1-Chlorooctane			98.0 %		48.2-134	5011413	MS	14-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			113 %		49.1-148	5011413	MS	14-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 09 4.2FT**H250174-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2800		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134 5011427 JH 15-Jan-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	14-Jan-25	8015B	

Surrogate: 1-Chlorooctane 91.9 % 48.2-134 5011413 MS 14-Jan-25 8015B

Surrogate: 1-Chlorooctadecane 105 % 49.1-148 5011413 MS 14-Jan-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 10 4.2FT**H250174-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4680		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			90.7 %	48.2-134		5011413	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	49.1-148		5011413	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 11 4.2FT**H250174-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3240		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %	71.5-134		5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			90.2 %	48.2-134		5011413	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			102 %	49.1-148		5011413	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 12 4.2FT**H250174-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4080		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134 5011427 JH 15-Jan-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane 100 % 48.2-134 5011413 MS 15-Jan-25 8015B

Surrogate: 1-Chlorooctadecane 115 % 49.1-148 5011413 MS 15-Jan-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 13 4.2FT**H250174-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4800		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %		71.5-134	5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			85.7 %		48.2-134	5011413	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			96.9 %		49.1-148	5011413	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 14 4.2FT**H250174-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4320		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134 5011427 JH 15-Jan-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane 93.6 % 48.2-134 5011413 MS 15-Jan-25 8015B

Surrogate: 1-Chlorooctadecane 109 % 49.1-148 5011413 MS 15-Jan-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 15 4.2FT**H250174-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	624		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134 5011427 JH 15-Jan-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane 82.8 % 48.2-134 5011413 MS 15-Jan-25 8015B

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148 5011413 MS 15-Jan-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 16 4.2FT**H250174-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1520		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134 5011427 JH 15-Jan-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane 97.0 % 48.2-134 5011413 MS 15-Jan-25 8015B

Surrogate: 1-Chlorooctadecane 112 % 49.1-148 5011413 MS 15-Jan-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 23 4.2FT**H250174-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3960		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134 5011427 JH 15-Jan-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane 91.5 % 48.2-134 5011413 MS 15-Jan-25 8015B

Surrogate: 1-Chlorooctadecane 104 % 49.1-148 5011413 MS 15-Jan-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 38.1 5FT**H250174-17 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	560		16.0	mg/kg	4	5011518	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %	71.5-134		5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			97.1 %	48.2-134		5011413	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			112 %	49.1-148		5011413	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 45.1 5FT**H250174-18 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %		71.5-134	5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			97.2 %		48.2-134	5011413	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			112 %		49.1-148	5011413	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS -79 1FT
H250174-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	118 %	71.5-134	5011427	JH	15-Jan-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B

Surrogate: 1-Chlorooctane	101 %	48.2-134	5011413	MS	15-Jan-25	8015B
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Surrogate: 1-Chlorooctadecane	114 %	49.1-148	5011413	MS	15-Jan-25	8015B
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 81 4.2FT**H250174-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %	71.5-134		5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	80.5		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	41.9		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			87.2 %	48.2-134		5011413	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			100 %	49.1-148		5011413	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 04 4.2FT**H250174-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1070		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011427	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011427	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		5011427	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			92.2 %	48.2-134		5011413	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			105 %	49.1-148		5011413	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 126 4.2FT**H250174-22 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	880		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5-134		5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011413	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			94.5 %	48.2-134		5011413	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	49.1-148		5011413	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 127 4.2FT
H250174-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1490		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %	71.5-134		5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.4 %	48.2-134		5011414	MS	14-Jan-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			95.0 %	49.1-148		5011414	MS	14-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 32 4.2FT**H250174-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	

Surrogate: 1-Chlorooctane			98.7 %	48.2-134		5011414	MS	14-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	49.1-148		5011414	MS	14-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 33 4.2FT**H250174-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	

Surrogate: 1-Chlorooctane			104 %	48.2-134		5011414	MS	14-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			107 %	49.1-148		5011414	MS	14-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 105 4.2FT**H250174-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	14-Jan-25	8015B	

Surrogate: 1-Chlorooctane			101 %	48.2-134		5011414	MS	14-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			102 %	49.1-148		5011414	MS	14-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 106 4.2FT**H250174-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	71.5-134	5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane	104 %	48.2-134	5011414	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane	105 %	49.1-148	5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 107 4.2FT**H250174-28 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	71.5-134	5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane	104 %	48.2-134	5011414	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane	106 %	49.1-148	5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 108 4.2FT**H250174-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134 5011428 JH 15-Jan-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane 104 % 48.2-134 5011414 MS 15-Jan-25 8015B

Surrogate: 1-Chlorooctadecane 107 % 49.1-148 5011414 MS 15-Jan-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 109 4.2FT**H250174-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	71.5-134	5011428	JH	15-Jan-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B

Surrogate: 1-Chlorooctane	105 %	48.2-134	5011414	MS	15-Jan-25	8015B
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Surrogate: 1-Chlorooctadecane	109 %	49.1-148	5011414	MS	15-Jan-25	8015B
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 110 4.2FT**H250174-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	560		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %		71.5-134	5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			111 %		48.2-134	5011414	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			115 %		49.1-148	5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 111 4.2FT**H250174-32 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	752		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			104 %	48.2-134		5011414	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			107 %	49.1-148		5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 112 4.2FT**H250174-33 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.3 %		71.5-134	5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			98.5 %		48.2-134	5011414	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			102 %		49.1-148	5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 113 4.2FT**H250174-34 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %		71.5-134	5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			96.8 %		48.2-134	5011414	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			100 %		49.1-148	5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 114 4.2FT**H250174-35 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	512		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	71.5-134	5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane	107 %	48.2-134	5011414	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane	111 %	49.1-148	5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

BS - 115 4.2FT**H250174-36 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	448		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			102 %	48.2-134		5011414	MS	15-Jan-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			103 %	49.1-148		5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

WS - 12 .1 0-4.2FT**H250174-37 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	5011514	HM	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.7 %	48.2-134		5011414	MS	15-Jan-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			101 %	49.1-148		5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

WS - 13.1 0-4.2FT**H250174-38 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	5011520	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %		71.5-134	5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane			103 %		48.2-134	5011414	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane			104 %		49.1-148	5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

WS - 14 0-1FT**H250174-39 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	624		16.0	mg/kg	4	5011520	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	71.5-134	5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane	99.8 %	48.2-134	5011414	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane	101 %	49.1-148	5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

WS - 19 0-4.2FT**H250174-40 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5011520	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	71.5-134	5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

Surrogate: 1-Chlorooctane	107 %	48.2-134	5011414	MS	15-Jan-25	8015B	
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Surrogate: 1-Chlorooctadecane	109 %	49.1-148	5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

WS - 20 0-4.2FT
H250174-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	5011520	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011428	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011428	JH	15-Jan-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		5011428	JH	15-Jan-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			106 %	48.2-134		5011414	MS	15-Jan-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			108 %	49.1-148		5011414	MS	15-Jan-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

WS - 21 0-4.2FT**H250174-42 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	5011520	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011435	JH	15-Jan-25	8021B	QM-07, QR-03
Toluene*	<0.050		0.050	mg/kg	50	5011435	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011435	JH	15-Jan-25	8021B	QM-07
Total Xylenes*	<0.150		0.150	mg/kg	50	5011435	JH	15-Jan-25	8021B	QM-07
Total BTEX	<0.300		0.300	mg/kg	50	5011435	JH	15-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			94.6 %		71.5-134	5011435	JH	15-Jan-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011414	MS	15-Jan-25	8015B	
Surrogate: 1-Chlorooctane			104 %		48.2-134	5011414	MS	15-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			106 %		49.1-148	5011414	MS	15-Jan-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

WS - 22 0-4.2FT
H250174-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	5011520	KV	15-Jan-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5011435	JH	15-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5011435	JH	15-Jan-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5011435	JH	15-Jan-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5011435	JH	15-Jan-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5011435	JH	15-Jan-25	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.6 %	71.5-134		5011435	JH	15-Jan-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5011416	MS	14-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5011416	MS	14-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5011416	MS	14-Jan-25	8015B	
<i>Surrogate: 1-Chlorooctane</i>			81.4 %	48.2-134		5011416	MS	14-Jan-25	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			78.1 %	49.1-148		5011416	MS	14-Jan-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5011514 - 1:4 DI Water**Blank (5011514-BLK1)**

Prepared & Analyzed: 15-Jan-25

Chloride	ND	16.0	mg/kg
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LCS (5011514-BS1)

Prepared & Analyzed: 15-Jan-25

Chloride	448	16.0	mg/kg	400	112	80-120
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LCS Dup (5011514-BSD1)

Prepared & Analyzed: 15-Jan-25

Chloride	432	16.0	mg/kg	400	108	80-120	3.64	20
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Batch 5011518 - 1:4 DI Water**Blank (5011518-BLK1)**

Prepared & Analyzed: 15-Jan-25

Chloride	ND	16.0	mg/kg
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LCS (5011518-BS1)

Prepared & Analyzed: 15-Jan-25

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (5011518-BSD1)

Prepared & Analyzed: 15-Jan-25

Chloride	448	16.0	mg/kg	400	112	80-120	7.41	20
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Batch 5011520 - 1:4 DI Water**Blank (5011520-BLK1)**

Prepared & Analyzed: 15-Jan-25

Chloride	ND	16.0	mg/kg
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LCS (5011520-BS1)

Prepared & Analyzed: 15-Jan-25

Chloride	432	16.0	mg/kg	400	108	80-120
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5011520 - 1:4 DI Water**LCS Dup (5011520-BSD1)**

Prepared & Analyzed: 15-Jan-25

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

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
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Batch 5011426 - Volatiles**Blank (5011426-BLK1)**

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0537		mg/kg	0.0500		107	71.5-134			

LCS (5011426-BS1)

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	2.01	0.050	mg/kg	2.00		101	82.8-130			
Toluene	2.15	0.050	mg/kg	2.00		108	86-128			
Ethylbenzene	2.25	0.050	mg/kg	2.00		112	85.9-128			
m,p-Xylene	4.52	0.100	mg/kg	4.00		113	89-129			
o-Xylene	2.25	0.050	mg/kg	2.00		113	86.1-125			
Total Xylenes	6.77	0.150	mg/kg	6.00		113	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0530		mg/kg	0.0500		106	71.5-134			

LCS Dup (5011426-BSD1)

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	2.12	0.050	mg/kg	2.00		106	82.8-130	5.24	15.8	
Toluene	2.16	0.050	mg/kg	2.00		108	86-128	0.438	15.9	
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	85.9-128	1.44	16	
m,p-Xylene	4.61	0.100	mg/kg	4.00		115	89-129	2.14	16.2	
o-Xylene	2.30	0.050	mg/kg	2.00		115	86.1-125	2.10	16.7	
Total Xylenes	6.91	0.150	mg/kg	6.00		115	88.2-128	2.13	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	71.5-134			

Batch 5011427 - Volatiles**Blank (5011427-BLK1)**

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

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
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Batch 5011427 - Volatiles**Blank (5011427-BLK1)**

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0584		mg/kg	0.0500		117	71.5-134			

LCS (5011427-BS1)

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	2.04	0.050	mg/kg	2.00		102	82.8-130			
Toluene	2.16	0.050	mg/kg	2.00		108	86-128			
Ethylbenzene	2.23	0.050	mg/kg	2.00		112	85.9-128			
m,p-Xylene	4.54	0.100	mg/kg	4.00		113	89-129			
o-Xylene	2.33	0.050	mg/kg	2.00		116	86.1-125			
Total Xylenes	6.87	0.150	mg/kg	6.00		114	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	71.5-134			

LCS Dup (5011427-BS1)

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	2.13	0.050	mg/kg	2.00		106	82.8-130	4.35	15.8	
Toluene	2.19	0.050	mg/kg	2.00		109	86-128	1.52	15.9	
Ethylbenzene	2.24	0.050	mg/kg	2.00		112	85.9-128	0.509	16	
m,p-Xylene	4.54	0.100	mg/kg	4.00		114	89-129	0.0900	16.2	
o-Xylene	2.33	0.050	mg/kg	2.00		117	86.1-125	0.111	16.7	
Total Xylenes	6.87	0.150	mg/kg	6.00		115	88.2-128	0.0971	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.7	71.5-134			

Batch 5011428 - Volatiles**Blank (5011428-BLK1)**

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		99.9	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

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
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Batch 5011428 - Volatiles**LCS (5011428-BS1)**

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	1.84	0.050	mg/kg	2.00		92.1	82.8-130			
Toluene	1.95	0.050	mg/kg	2.00		97.6	86-128			
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.8	85.9-128			
m,p-Xylene	3.88	0.100	mg/kg	4.00		97.1	89-129			
o-Xylene	1.98	0.050	mg/kg	2.00		98.8	86.1-125			
Total Xylenes	5.86	0.150	mg/kg	6.00		97.6	88.2-128			

Surrogate: 4-Bromofluorobenzene (PID)

0.0482

mg/kg

0.0500

96.5

71.5-134

LCS Dup (5011428-BSD1)

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	1.87	0.050	mg/kg	2.00		93.4	82.8-130	1.40	15.8	
Toluene	1.99	0.050	mg/kg	2.00		99.3	86-128	1.71	15.9	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	85.9-128	3.36	16	
m,p-Xylene	4.01	0.100	mg/kg	4.00		100	89-129	3.33	16.2	
o-Xylene	2.03	0.050	mg/kg	2.00		102	86.1-125	2.89	16.7	
Total Xylenes	6.05	0.150	mg/kg	6.00		101	88.2-128	3.18	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0493

mg/kg

0.0500

98.6

71.5-134

Batch 5011435 - Volatiles**Blank (5011435-BLK1)**

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID)

ND

mg/kg

0.0500

95.2

71.5-134

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

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
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Batch 5011435 - Volatiles**LCS (5011435-BS1)**

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	1.86	0.050	mg/kg	2.00		92.9	82.8-130			
Toluene	1.98	0.050	mg/kg	2.00		99.2	86-128			
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.3	85.9-128			
m,p-Xylene	3.79	0.100	mg/kg	4.00		94.8	89-129			
o-Xylene	1.92	0.050	mg/kg	2.00		95.9	86.1-125			
Total Xylenes	5.71	0.150	mg/kg	6.00		95.1	88.2-128			

Surrogate: 4-Bromofluorobenzene (PID)

0.0465

mg/kg

0.0500

93.1

71.5-134

LCS Dup (5011435-BS1)

Prepared: 14-Jan-25 Analyzed: 15-Jan-25

Benzene	1.89	0.050	mg/kg	2.00		94.4	82.8-130	1.56	15.8	
Toluene	2.02	0.050	mg/kg	2.00		101	86-128	1.94	15.9	
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.9	85.9-128	1.62	16	
m,p-Xylene	3.85	0.100	mg/kg	4.00		96.4	89-129	1.66	16.2	
o-Xylene	1.94	0.050	mg/kg	2.00		97.1	86.1-125	1.26	16.7	
Total Xylenes	5.80	0.150	mg/kg	6.00		96.6	88.2-128	1.53	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0460

mg/kg

0.0500

92.0

71.5-134

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

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
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Batch 5011412 - General Prep - Organics**Blank (5011412-BLK1)**

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	57.1		mg/kg	50.0		114	48.2-134			
Surrogate: 1-Chlorooctadecane	52.4		mg/kg	50.0		105	49.1-148			

LCS (5011412-BS1)

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	177	10.0	mg/kg	200		88.5	81.5-123			
DRO >C10-C28	164	10.0	mg/kg	200		82.1	77.7-122			
Total TPH C6-C28	341	10.0	mg/kg	400		85.3	80.9-121			
Surrogate: 1-Chlorooctane	63.2		mg/kg	50.0		126	48.2-134			
Surrogate: 1-Chlorooctadecane	57.8		mg/kg	50.0		116	49.1-148			

LCS Dup (5011412-BS1)

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	188	10.0	mg/kg	200		93.9	81.5-123	5.96	13	
DRO >C10-C28	191	10.0	mg/kg	200		95.7	77.7-122	15.3	15.6	
Total TPH C6-C28	379	10.0	mg/kg	400		94.8	80.9-121	10.6	18.5	
Surrogate: 1-Chlorooctane	59.0		mg/kg	50.0		118	48.2-134			
Surrogate: 1-Chlorooctadecane	56.9		mg/kg	50.0		114	49.1-148			

Batch 5011413 - General Prep - Organics**Blank (5011413-BLK1)**

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.6		mg/kg	50.0		97.1	48.2-134			
Surrogate: 1-Chlorooctadecane	56.3		mg/kg	50.0		113	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

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
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Batch 5011413 - General Prep - Organics**LCS (5011413-BS1)**

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	204	10.0	mg/kg	200		102	81.5-123			
DRO >C10-C28	191	10.0	mg/kg	200		95.6	77.7-122			
Total TPH C6-C28	396	10.0	mg/kg	400		98.9	80.9-121			
Surrogate: 1-Chlorooctane	50.0		mg/kg	50.0		99.9	48.2-134			
Surrogate: 1-Chlorooctadecane	56.4		mg/kg	50.0		113	49.1-148			

LCS Dup (5011413-BSD1)

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	191	10.0	mg/kg	200		95.4	81.5-123	6.87	13	
DRO >C10-C28	177	10.0	mg/kg	200		88.7	77.7-122	7.53	15.6	
Total TPH C6-C28	368	10.0	mg/kg	400		92.0	80.9-121	7.19	18.5	
Surrogate: 1-Chlorooctane	52.2		mg/kg	50.0		104	48.2-134			
Surrogate: 1-Chlorooctadecane	57.7		mg/kg	50.0		115	49.1-148			

Batch 5011414 - General Prep - Organics**Blank (5011414-BLK1)**

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	54.2		mg/kg	50.0		108	48.2-134			
Surrogate: 1-Chlorooctadecane	55.6		mg/kg	50.0		111	49.1-148			

LCS (5011414-BS1)

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	189	10.0	mg/kg	200		94.7	81.5-123			
DRO >C10-C28	181	10.0	mg/kg	200		90.7	77.7-122			
Total TPH C6-C28	371	10.0	mg/kg	400		92.7	80.9-121			
Surrogate: 1-Chlorooctane	56.7		mg/kg	50.0		113	48.2-134			
Surrogate: 1-Chlorooctadecane	59.9		mg/kg	50.0		120	49.1-148			

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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:12

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
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Batch 5011414 - General Prep - Organics**LCS Dup (5011414-BSD1)**

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	181	10.0	mg/kg	200		90.4	81.5-123	4.59	13	
DRO >C10-C28	173	10.0	mg/kg	200		86.7	77.7-122	4.50	15.6	
Total TPH C6-C28	354	10.0	mg/kg	400		88.6	80.9-121	4.54	18.5	
Surrogate: 1-Chlorooctane	61.4		mg/kg	50.0		123	48.2-134			
Surrogate: 1-Chlorooctadecane	60.7		mg/kg	50.0		121	49.1-148			

Batch 5011416 - General Prep - Organics**Blank (5011416-BLK1)**

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	51.0		mg/kg	50.0		102	48.2-134			
Surrogate: 1-Chlorooctadecane	47.3		mg/kg	50.0		94.5	49.1-148			

LCS (5011416-BS1)

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	222	10.0	mg/kg	200		111	81.5-123			
DRO >C10-C28	201	10.0	mg/kg	200		101	77.7-122			
Total TPH C6-C28	423	10.0	mg/kg	400		106	80.9-121			
Surrogate: 1-Chlorooctane	54.6		mg/kg	50.0		109	48.2-134			
Surrogate: 1-Chlorooctadecane	51.1		mg/kg	50.0		102	49.1-148			

LCS Dup (5011416-BSD1)

Prepared & Analyzed: 14-Jan-25

GRO C6-C10	210	10.0	mg/kg	200		105	81.5-123	5.15	13	
DRO >C10-C28	197	10.0	mg/kg	200		98.4	77.7-122	2.37	15.6	
Total TPH C6-C28	407	10.0	mg/kg	400		102	80.9-121	3.82	18.5	
Surrogate: 1-Chlorooctane	57.8		mg/kg	50.0		116	48.2-134			
Surrogate: 1-Chlorooctadecane	53.7		mg/kg	50.0		107	49.1-148			

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Notes and Definitions

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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: McNabb Partners										BILL TO										ANALYSIS REQUEST																																																											
Project Manager: Dmitry Nikanorov										P.O. #:																																																																					
Address: 5014 W Carlsbad Hwy										Company: McNabb Partners																																																																					
City: Hobbs										Attn: dmitry@mcnabbpartners																																																																					
State: NM Zip: 88240										Address:																																																																					
Phone #:										City:																																																																					
Fax #:										State:																																																																					
Project #:										Zip:																																																																					
Project Name: 20230713-1151-robertAGX1										Phone #:																																																																					
Project Location: Roberts AGX 1										Fax #:																																																																					
Sampler Name: Christopher Turner																																																																															
<small>FOR LAB USE ONLY</small>																																																																															
Lab I.D.																																																																															
Sample I.D.																																																																															
										(G)RAB OR (C)OMP.																																																																					
										# CONTAINERS																																																																					
										GROUNDWATER																																																																					
										WASTEWATER																																																																					
										SOIL																																																																					
										OIL																																																																					
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										OTHER :																																																																					
										ACID/BASE:																																																																					
										ICE / COOL																																																																					
										OTHER :																																																																					
										DATE										TIME																																																											
BS-01										4.2FT										C 1										1/9/24										8:36										X										X										X									
BS-02										4.2FT										C 1										1/9/24										8:41										X										X										X									
BS-03										4.2FT										C 1										1/9/24										8:45										X										X										X									
BS-05										4.2FT										C 1										1/9/24										8:48										X										X										X									
BS-06										4.2FT										C 1										1/9/24										8:52										X										X										X									
BS-07										4.2FT										C 1										1/9/24										8:58										X										X										X									
BS-08										4.2FT										C 1										1/9/24										9:05										X										X										X									
BS-09										4.2FT										C 1										1/9/24										9:09										X										X										X									
BS-10										4.2FT										C 1										1/9/24										9:16										X										X										X									
BS-11										4.2FT										C 1										1/9/24										9:22										X										X										X									
<small>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. No event shall constitute a claim for incidental or consequential damages, including without limitation, business interruption, loss of data, 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 theories or otherwise.</small>																																																																															
Relinquished By:										Date: 1/13/25										Received By:										Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:																																																	
Relinquished By:										Date: 1/10/20										Received By: Speedkigney										All Results are emailed. Please provide Email address:																																																	
Time:										Time:										REMARKS:																																																											
Delivered By: (Circle One)										Observed Temp. °C: 53.3										Sample Condition										CHECKED BY:										Turnaround Time:																																							
Sampler - UPS - Bus - Other:										Corrected Temp. °C: 59.1										Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>										(Initials)										Standard <input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Corrected Temp. °C <input type="checkbox"/>																																							

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: McNabb Partners				BILL TO				ANALYSIS REQUEST			
Project Manager: Dmitry Nikanov				P.O. #:							
Address: 5014 W Carlsbad Hwy				Company: dmitry@mcnabpp.com							
City: Hobbs				State: NM				Zip: 88240			
Phone #:				Fax #:							
Project #:				Project Owner:							
Project Name: 20230713-1151-robertAGX1				City:							
Project Location: Roberts AGX 1				State:				Zip:			
Sample Name: Christopher Turner				Phone #:							
FOR LAB USE ONLY				Fax #:							

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	TPH	Chloride	BTEX							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :														
H350174	BS-12	4.2ft	C 1	X								1/9/24	9:28	X	X	X							
	BS-13	4.2ft	C 1		X							1/9/24	9:31	X	X	X							
	BS-14	4.2ft	C 1		X							1/9/24	9:35	X	X	X							
	BS-15	4.2ft	C 1		X							1/9/24	9:39	X	X	X							
	BS-16	4.2ft	C 1		X							1/9/24	9:43	X	X	X							
	BS-23	4.2ft	C 1		X							1/9/24	9:46	X	X	X							
	BS-38.1	5' 4.2ft	C 1		X							1/9/24	9:52	X	X	X							
	BS-45.1	5' 4.2ft	C 1		X							1/9/24	9:59	X	X	X							
	BS-79	1ft	C 1		X							1/9/24	10:07	X	X	X							
	BS-81	4.2ft	C 1		X							1/9/24	10:12	X	X	X							

PLEASE NOTE: Liability and Damages. Contractor's liability and clients 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 Contractor within 30 days after completion of the applicable services. In no event shall Contractor be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, or third parties, arising from the analysis or successions arising out of or related to the performance of services hereunder by Contractor regardless of whether such claim is based upon any of the above stated theories or otherwise.

Relinquished By: [Signature]	Date: 7/13/25	Received By: Speedigney
Time: 10:00		
Remarks: *Customer Regenerative Depth changes. To 1/20/25		

Delivered By: (Circle One)	Observed Temp. °C: -53	Sample Condition: Cool Intact Yes No	CHECKED BY: [Signature]	Turnaround Time:	Standard: <input checked="" type="checkbox"/> <input type="checkbox"/>	Bacteria (only) Sample Condition: Cool Intact Yes No
Corrected Temp. °C: -59.2						
Thermometer ID #140						
Correction Factor -0.6°C						



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: McNabb Partners		P.O. #:		BILL TO											
Project Manager: Dmitry Nikanorov		Company: McNabb Partners		ANALYSIS REQUEST											
Address: 5014 W Carlisbad Hwy		Attn: dmitry@mcnabbpartners.com													
City: Hobbs		State: NM Zip: 88240													
Phone #:		Fax #:													
Project #:		Project Owner:													
Project Name: 20230713-1151-robertAGX1		City:													
Project Location: Robert AGX 1		State: Zip:													
Sampler Name: Christopher Turner		Phone #:													
FOR LAB USE ONLY		Fax #:													
Lab I.D.	Sample I.D.	(G)RAB OR (C)CMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING									
				GROUNDWATER			DATE	TIME	TPH	Chloride	BTEX				
BS-94-1	4.2ft	C 1	X	SOIL			1/9/24	10:16	X	X	X				
BS-94-2	4.2ft	C 1	X	WASTEWATER			1/9/24	10:19	X	X	X				
BS-94-3	4.2ft	C 1	X	SLUDGE			1/9/24	10:25	X	X	X				
BS-32	4.2ft	C 1	X	OTHER			1/9/24	10:29	X	X	X				
BS-33	4.2ft	C 1	X	ACID/BASE			1/9/24	10:33	X	X	X				
BS-105	4.2ft	C 1	X	ICE / COOL			1/9/24	10:36	X	X	X				
BS-106	4.2ft	C 1	X	OTHER			1/9/24	10:42	X	X	X				
BS-107	4.2ft	C 1	X				1/9/24	10:45	X	X	X				
BS-108	4.2ft	C 1	X				1/9/24	10:52	X	X	X				
BS-109	4.2ft	C 1	X				1/9/24	10:56	X	X	X				

PLEASE NOTE: Liability and Damages. Cardinal's liability and direct's exclusive remedy for any claim arising from this contract or bill, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other claims 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 interruption, 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. Signatures of all parties shall be required to validate this contract.

Relinquished By:	Date: 3/25/25	Received By: Shadrine	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
Relinquished By:	Date: 3/25/25	Received By: Shadrine	All Results are emailed. Please provide Email address:
Delivered By: (Circle One)	Observed Temp. °C: 53.3	Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C: 5.9	Thermometer ID #140 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Bacteria (only) Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact
		Correction Factor -0.5°C <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Observed Temp. °C:
			Corrected Temp. °C:

REMARKS: **Customer requested ID changes to 40-8/14/25

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

3/5



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: McNabb Partners Project Manager: Dmitry Nikanorov Address: 5014 W Carlsbad Hwy City: Hobbs State: NM Zip: 88240 Phone #: Fax #: Project #: Project Name: 20230713-1151-robertsAGX1 Project Location: Roberts AGX 1 Sample Name: Christopher Turner <small>FOR LAB USE ONLY</small>				BILL TO P.O. #: Company: McNabb Partners Attn: dmitry@mcnabbpartners Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
Lab I.D. <div style="border: 1px solid black; padding: 5px; text-align: center;"> Sample I.D. </div>		Matrix (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		Preserv DATE TIME		SAMPLING TPH Chloride BTEX					
BS-110 4.2ft C 1 X BS-111 4.2ft C 1 X BS-112 4.2ft C 1 X BS-113 4.2ft C 1 X BS-114 4.2ft C 1 X BS-115 4.2ft C 1 X WS-12.1 0.4-2ft C 1 X WS-13.1 0.4-2ft C 1 X WS-14 0-1ft C 1 X WS-19 0-4.2ft C 1 X		1/9/24 11:01 X 1/9/24 11:05 X 1/9/24 11:11 X 1/9/24 11:14 X 1/9/24 11:19 X 1/9/24 11:24 X 1/9/24 11:27 X 1/9/24 11:32 X 1/9/24 11:39 X 1/9/24 11:43 X									

PLEASE NOTE: Liability and Damages. Carlsbad liability and claims exclusive remedy for any claim arising from this contract or bill shall be limited to the amount paid by the client for the services. No recovery shall be made for negligence and any other claims whatsoever shall be deemed waived unless made in writing and received by Carlsbad within 30 days after completion of the applicable analysis. All claims including those for negligence and any other claims whatsoever shall be deemed waived unless made in writing and received by Carlsbad within 30 days after completion of the applicable analysis. In no event shall Carlsbad be liable for incidental or consequential damages, including without limitation, business interruption, 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 furnished by Carlsbad, regardless of whether such claim is based upon any of the above stated theories or otherwise.

Relinquished By:		Date: 1/16/24		Received By:		Date: 1/16/24	
Relinquished By:		Date: 1/16/24		Received By:		Date: 1/16/24	
REMARKS:							

Delivered By: (Circle One)
 Sample - UPS - Bus - Other:

Observed Temp. °C: 5.32
Corrected Temp. °C: 5.92
Sample Condition: Cool Intact ☒ Yes ☐ No
Checked By:

Turnaround Time: Standard ☒ Rush ☐
Thermometer ID #140
Correction Factor -0.6°C
Bacteria (only) Sample Condition: Cool Intact ☒ Yes ☐ No
Observed Temp. °C:
Corrected Temp. °C:

$$\frac{4}{5}$$



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]
$$\frac{5}{5}$$

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

February 14, 2025

DIMITRY NIKANOROV

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: ROBERTS AGX 1

Enclosed are the results of analyses for samples received by the laboratory on 02/03/25 16:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WS-10.1 0-4.2 FT	H250639-01	Soil	03-Feb-25 14:36	03-Feb-25 16:13
WS-14.1 0-1 FT	H250639-02	Soil	03-Feb-25 14:39	03-Feb-25 16:13
WS-15.1 0-2 FT	H250639-03	Soil	03-Feb-25 14:44	03-Feb-25 16:13
WS-16.1 0-2 FT	H250639-04	Soil	03-Feb-25 14:49	03-Feb-25 16:13
WS-17.1 0-2 FT	H250639-05	Soil	03-Feb-25 14:53	03-Feb-25 16:13
WS-23 0-1 FT	H250639-06	Soil	03-Feb-25 14:59	03-Feb-25 16:13
WS-24 0-1 FT	H250639-07	Soil	03-Feb-25 15:03	03-Feb-25 16:13
WS-25 0-1 FT	H250639-08	Soil	03-Feb-25 15:07	03-Feb-25 16:13
BS-80.1 2 FT	H250639-09	Soil	03-Feb-25 15:12	03-Feb-25 16:13

02/14/25 - Client changed the sample ID on -05 (see COC). This is the revised report and will replace the one sent on 02/04/25.

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

WS-10.1 0-4.2 FT
H250639-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	5020424	AC	04-Feb-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020343	JH	03-Feb-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5020343	JH	03-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	

Surrogate: 1-Chlorooctane			82.7 %	48.2-134		5020344	MS	03-Feb-25	8015B	
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Surrogate: 1-Chlorooctadecane			89.2 %	49.1-148		5020344	MS	03-Feb-25	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

WS-14.1 0-1 FT
H250639-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	800		16.0	mg/kg	4	5020424	AC	04-Feb-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020343	JH	03-Feb-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			109 %	71.5-134		5020343	JH	03-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.7 %	48.2-134		5020344	MS	03-Feb-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			90.6 %	49.1-148		5020344	MS	03-Feb-25	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

WS-15.1 0-2 FT
H250639-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	544		16.0	mg/kg	4	5020424	AC	04-Feb-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020343	JH	03-Feb-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			109 %	71.5-134		5020343	JH	03-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.2 %	48.2-134		5020344	MS	03-Feb-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			93.5 %	49.1-148		5020344	MS	03-Feb-25	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

WS-16.1 0-2 FT**H250639-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	5020424	AC	04-Feb-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020343	JH	03-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020343	JH	03-Feb-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	5020343	JH	03-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	

Surrogate: 1-Chlorooctane			85.2 %		48.2-134	5020344	MS	03-Feb-25	8015B	
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Surrogate: 1-Chlorooctadecane			92.2 %		49.1-148	5020344	MS	03-Feb-25	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

WS-17.1 0-2 FT
H250639-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	416		16.0	mg/kg	4	5020424	AC	04-Feb-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020343	JH	04-Feb-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			109 %	71.5-134		5020343	JH	04-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.5 %	48.2-134		5020344	MS	03-Feb-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			90.3 %	49.1-148		5020344	MS	03-Feb-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

WS-23 0-1 FT**H250639-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	432		16.0	mg/kg	4	5020424	AC	04-Feb-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020343	JH	04-Feb-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		71.5-134	5020343	JH	04-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	

Surrogate: 1-Chlorooctane			78.6 %		48.2-134	5020344	MS	03-Feb-25	8015B	
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Surrogate: 1-Chlorooctadecane			85.7 %		49.1-148	5020344	MS	03-Feb-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

WS-24 0-1 FT**H250639-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	5020424	AC	04-Feb-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020343	JH	04-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020343	JH	04-Feb-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	5020343	JH	04-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	

Surrogate: 1-Chlorooctane			82.1 %		48.2-134	5020344	MS	03-Feb-25	8015B	
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Surrogate: 1-Chlorooctadecane			88.8 %		49.1-148	5020344	MS	03-Feb-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

WS-25 0-1 FT**H250639-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	384		16.0	mg/kg	4	5020424	AC	04-Feb-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020339	JH	03-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020339	JH	03-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020339	JH	03-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020339	JH	03-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020339	JH	03-Feb-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		5020339	JH	03-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	

Surrogate: 1-Chlorooctane			80.8 %	48.2-134		5020344	MS	03-Feb-25	8015B	
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Surrogate: 1-Chlorooctadecane			87.7 %	49.1-148		5020344	MS	03-Feb-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

BS-80.1 2 FT**H250639-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	896		16.0	mg/kg	4	5020424	AC	04-Feb-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5020339	JH	03-Feb-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5020339	JH	03-Feb-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5020339	JH	03-Feb-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5020339	JH	03-Feb-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5020339	JH	03-Feb-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		5020339	JH	03-Feb-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020344	MS	03-Feb-25	8015B	

Surrogate: 1-Chlorooctane			86.5 %	48.2-134		5020344	MS	03-Feb-25	8015B	
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Surrogate: 1-Chlorooctadecane			93.1 %	49.1-148		5020344	MS	03-Feb-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 5020424 - 1:4 DI Water									
Blank (5020424-BLK1)					Prepared & Analyzed: 04-Feb-25				
Chloride	ND	16.0	mg/kg						
LCS (5020424-BS1)					Prepared & Analyzed: 04-Feb-25				
Chloride	432	16.0	mg/kg	400	108	80-120			
LCS Dup (5020424-BSD1)					Prepared & Analyzed: 04-Feb-25				
Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20	

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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

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
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Batch 5020339 - Volatiles**Blank (5020339-BLK1)**

Prepared & Analyzed: 03-Feb-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0524		mg/kg	0.0500		105	71.5-134			

LCS (5020339-BS1)

Prepared & Analyzed: 03-Feb-25

Benzene	1.99	0.050	mg/kg	2.00		99.4	82.8-130			
Toluene	2.13	0.050	mg/kg	2.00		106	86-128			
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128			
m,p-Xylene	4.33	0.100	mg/kg	4.00		108	89-129			
o-Xylene	2.11	0.050	mg/kg	2.00		106	86.1-125			
Total Xylenes	6.44	0.150	mg/kg	6.00		107	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		100	71.5-134			

LCS Dup (5020339-BSD1)

Prepared & Analyzed: 03-Feb-25

Benzene	1.88	0.050	mg/kg	2.00		94.1	82.8-130	5.45	15.8	
Toluene	2.01	0.050	mg/kg	2.00		101	86-128	5.46	15.9	
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.6	85.9-128	5.14	16	
m,p-Xylene	4.10	0.100	mg/kg	4.00		102	89-129	5.51	16.2	
o-Xylene	2.00	0.050	mg/kg	2.00		99.8	86.1-125	5.66	16.7	
Total Xylenes	6.09	0.150	mg/kg	6.00		102	88.2-128	5.56	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0503		mg/kg	0.0500		101	71.5-134			

Batch 5020343 - Volatiles**Blank (5020343-BLK1)**

Prepared & Analyzed: 03-Feb-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

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
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Batch 5020343 - Volatiles**Blank (5020343-BLK1)**

Prepared & Analyzed: 03-Feb-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0562		mg/kg	0.0500		112	71.5-134			
LCS (5020343-BS1)										
Prepared & Analyzed: 03-Feb-25										
Benzene	2.13	0.050	mg/kg	2.00		106	82.8-130			
Toluene	2.20	0.050	mg/kg	2.00		110	86-128			
Ethylbenzene	2.23	0.050	mg/kg	2.00		111	85.9-128			
m,p-Xylene	4.60	0.100	mg/kg	4.00		115	89-129			
o-Xylene	2.16	0.050	mg/kg	2.00		108	86.1-125			
Total Xylenes	6.76	0.150	mg/kg	6.00		113	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	71.5-134			

LCS Dup (5020343-BS1)

Prepared & Analyzed: 03-Feb-25

Benzene	2.15	0.050	mg/kg	2.00		107	82.8-130	0.834	15.8	
Toluene	2.21	0.050	mg/kg	2.00		111	86-128	0.487	15.9	
Ethylbenzene	2.23	0.050	mg/kg	2.00		112	85.9-128	0.267	16	
m,p-Xylene	4.63	0.100	mg/kg	4.00		116	89-129	0.530	16.2	
o-Xylene	2.16	0.050	mg/kg	2.00		108	86.1-125	0.00467	16.7	
Total Xylenes	6.79	0.150	mg/kg	6.00		113	88.2-128	0.360	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0507		mg/kg	0.0500		101	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: ROBERTS AGX 1
Project Number: 20230713-1151-ROBERTAGX1
Project Manager: DIMITRY NIKANOROV
Fax To: (575) 391-8484

Reported:
14-Feb-25 16:18

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
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Batch 5020344 - General Prep - Organics**Blank (5020344-BLK1)**

Prepared & Analyzed: 03-Feb-25

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	51.3		mg/kg	50.0		103	48.2-134			
Surrogate: 1-Chlorooctadecane	56.9		mg/kg	50.0		114	49.1-148			

LCS (5020344-BS1)

Prepared & Analyzed: 03-Feb-25

GRO C6-C10	204	10.0	mg/kg	200		102	81.5-123			
DRO >C10-C28	199	10.0	mg/kg	200		99.4	77.7-122			
Total TPH C6-C28	402	10.0	mg/kg	400		101	80.9-121			
Surrogate: 1-Chlorooctane	53.1		mg/kg	50.0		106	48.2-134			
Surrogate: 1-Chlorooctadecane	57.3		mg/kg	50.0		115	49.1-148			

LCS Dup (5020344-BS1)

Prepared & Analyzed: 03-Feb-25

GRO C6-C10	204	10.0	mg/kg	200		102	81.5-123	0.134	13	
DRO >C10-C28	196	10.0	mg/kg	200		98.0	77.7-122	1.43	15.6	
Total TPH C6-C28	400	10.0	mg/kg	400		99.9	80.9-121	0.635	18.5	
Surrogate: 1-Chlorooctane	54.1		mg/kg	50.0		108	48.2-134			
Surrogate: 1-Chlorooctadecane	57.4		mg/kg	50.0		115	49.1-148			

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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

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A handwritten signature in cursive script, appearing to read "Celey D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: McNabb Partners Project Manager: Dmitry Nikanorov Address: 5014 W Carlsbad Hwy City: Hobbs State: NM Zip: 88240 Phone #: Fax #: Project #: Project Owner: Project Name: 20230713-1151-robertAGX1 Project Location: Roberts AGX State 1 Sample Name: Christopher Turner <small>FOR LAB USE ONLY</small>				P.O. #: Company: McNabb Partners Attn: Dmitry@mcnabbpartners Address: City: State: Zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
Lab I.D. <div style="border: 1px solid black; padding: 5px;"> Sample I.D. </div>		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING		DATE TIME TPH Chloride BTEX	
WS-10.1 0-4.2 FT C 1 X WS-14.1 0-1 FT C 1 X WS-15.1 0-2 FT C 1 X WS-16.1 0-2 FT C 1 X WS-17.1 0-2 FT C 1 X WS-23 0-1 FT C 1 X WS-24 0-1 FT C 1 X WS-25 0-1 FT C 1 X BS-80.1 2 FT C 1 X		DATE TIME TPH Chloride BTEX		DATE TIME TPH Chloride BTEX		DATE TIME TPH Chloride BTEX	
Relinquished By: <i>[Signature]</i> Date: 2/3/25 Time: 14:15 Received By: <i>[Signature]</i> Date: 2/3/25 Time:		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: * Customer requested ID change to 2/14/25	
Delivered By: (Circle One) Sample - UPS - Bus - Other:		Observed Temp. °C: 0.14 Corrected Temp. °C: 0.94 Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Checked By: <i>[Signature]</i>		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor: +0.3 Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C:		Corrected Temp. °C:	



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

February 10, 2025

MARCUS GIPSON

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: ROBERT AGX STATE COM #1

Enclosed are the results of analyses for samples received by the laboratory on 02/06/25 15:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/06/2025	Sampling Date:	02/06/2025
Reported:	02/10/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CONTANGO - LEA CO NM		

Sample ID: WS - 14.2 0-1' (H250744-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2025	ND	1.94	97.2	2.00	4.74	
Toluene*	<0.050	0.050	02/07/2025	ND	2.03	102	2.00	4.48	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	1.93	96.7	2.00	5.39	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	5.68	94.6	6.00	5.65	
Total BTEX	<0.300	0.300	02/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	02/07/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2025	ND	210	105	200	3.53	
DRO >C10-C28*	<10.0	10.0	02/07/2025	ND	212	106	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	02/07/2025	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/06/2025	Sampling Date:	02/06/2025
Reported:	02/10/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CONTANGO - LEA CO NM		

Sample ID: BS - 119 1' (H250744-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2025	ND	1.94	97.2	2.00	4.74	
Toluene*	<0.050	0.050	02/07/2025	ND	2.03	102	2.00	4.48	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	1.93	96.7	2.00	5.39	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	5.68	94.6	6.00	5.65	
Total BTEx	<0.300	0.300	02/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/07/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2025	ND	210	105	200	3.53	
DRO >C10-C28*	<10.0	10.0	02/07/2025	ND	212	106	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	02/07/2025	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/06/2025	Sampling Date:	02/06/2025
Reported:	02/10/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CONTANGO - LEA CO NM		

Sample ID: BS - 120 2.5' (H250744-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2025	ND	2.13	106	2.00	7.68	
Toluene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	6.40	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	5.91	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.51	108	6.00	5.20	
Total BTEX	<0.300	0.300	02/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/07/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2025	ND	210	105	200	3.53	
DRO >C10-C28*	<10.0	10.0	02/07/2025	ND	212	106	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	02/07/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/06/2025	Sampling Date:	02/06/2025
Reported:	02/10/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CONTANGO - LEA CO NM		

Sample ID: BS - 121 2.5' (H250744-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2025	ND	2.13	106	2.00	7.68	
Toluene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	6.40	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	5.91	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.51	108	6.00	5.20	
Total BTEX	<0.300	0.300	02/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/07/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2025	ND	210	105	200	3.53	
DRO >C10-C28*	<10.0	10.0	02/07/2025	ND	212	106	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	02/07/2025	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/06/2025	Sampling Date:	02/06/2025
Reported:	02/10/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CONTANGO - LEA CO NM		

Sample ID: BS - 122 2.5' (H250744-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2025	ND	2.13	106	2.00	7.68	
Toluene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	6.40	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	5.91	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.51	108	6.00	5.20	
Total BTEX	<0.300	0.300	02/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/07/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2025	ND	210	105	200	3.53	
DRO >C10-C28*	12.6	10.0	02/07/2025	ND	212	106	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	02/07/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/06/2025	Sampling Date:	02/06/2025
Reported:	02/10/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CONTANGO - LEA CO NM		

Sample ID: BS - 123 2.5' (H250744-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2025	ND	2.13	106	2.00	7.68	
Toluene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	6.40	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	5.91	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.51	108	6.00	5.20	
Total BTEX	<0.300	0.300	02/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	02/07/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2025	ND	210	105	200	3.53	
DRO >C10-C28*	<10.0	10.0	02/07/2025	ND	212	106	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	02/07/2025	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/06/2025	Sampling Date:	02/06/2025
Reported:	02/10/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CONTANGO - LEA CO NM		

Sample ID: BS - 124 2.5' (H250744-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2025	ND	2.13	106	2.00	7.68	
Toluene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	6.40	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	5.91	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.51	108	6.00	5.20	
Total BTEX	<0.300	0.300	02/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	02/07/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2025	ND	210	105	200	3.53	
DRO >C10-C28*	<10.0	10.0	02/07/2025	ND	212	106	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	02/07/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/06/2025	Sampling Date:	02/06/2025
Reported:	02/10/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CONTANGO - LEA CO NM		

Sample ID: BS - 125 2.5' (H250744-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2025	ND	2.13	106	2.00	7.68	
Toluene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	6.40	
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	5.91	
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.51	108	6.00	5.20	
Total BTEx	<0.300	0.300	02/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/07/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2025	ND	210	105	200	3.53	
DRO >C10-C28*	<10.0	10.0	02/07/2025	ND	212	106	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	02/07/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/06/2025	Sampling Date:	02/06/2025
Reported:	02/10/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX STATE COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CONTANGO - LEA CO NM		

Sample ID: BS - 80.2 2.5' (H250744-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2025	ND	2.13	106	2.00	7.68		
Toluene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	6.40		
Ethylbenzene*	<0.050	0.050	02/07/2025	ND	2.15	107	2.00	5.91		
Total Xylenes*	<0.150	0.150	02/07/2025	ND	6.51	108	6.00	5.20		
Total BTEX	<0.300	0.300	02/07/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	02/07/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/07/2025	ND	210	105	200	3.53		
DRO >C10-C28*	<10.0	10.0	02/07/2025	ND	212	106	200	4.09		
EXT DRO >C28-C36	<10.0	10.0	02/07/2025	ND						

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "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

[illegible]



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

February 21, 2025

DIMITRY NIKANOROV

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: ROBERT AGX

Enclosed are the results of analyses for samples received by the laboratory on 02/17/25 14:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/17/2025	Sampling Date:	02/17/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX	Sampling Condition:	Cool & Intact
Project Number:	CONTANGO	Sample Received By:	Tamara Oldaker
Project Location:	LOVINGTON, NM LEA CO, NM 88240		

Sample ID: BACKFILL - 1 0.5' (H250941-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/18/2025	ND	1.86	92.9	2.00	0.201		
Toluene*	<0.050	0.050	02/18/2025	ND	2.11	106	2.00	2.81		
Ethylbenzene*	<0.050	0.050	02/18/2025	ND	2.34	117	2.00	2.92		
Total Xylenes*	<0.150	0.150	02/18/2025	ND	7.12	119	6.00	3.29		
Total BTEX	<0.300	0.300	02/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/18/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2025	ND	187	93.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	189	94.4	200	9.04	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/17/2025	Sampling Date:	02/17/2025
Reported:	02/21/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX	Sampling Condition:	Cool & Intact
Project Number:	CONTANGO	Sample Received By:	Tamara Oldaker
Project Location:	LOVINGTON, NM LEA CO, NM 88240		

Sample ID: BACKFILL - 1 1' (H250941-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2025	ND	2.14	107	2.00	1.09		
Toluene*	<0.050	0.050	02/19/2025	ND	2.21	110	2.00	1.18		
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.14	107	2.00	1.06		
Total Xylenes*	<0.150	0.150	02/19/2025	ND	6.34	106	6.00	0.877		
Total BTEX	<0.300	0.300	02/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/18/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2025	ND	187	93.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	189	94.4	200	9.04	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- 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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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



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

February 26, 2025

MARCUS GIPSON

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: ROBERT AGX

Enclosed are the results of analyses for samples received by the laboratory on 02/20/25 15:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/26/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVINGTON, NM LEA CO, NM 88240		

Sample ID: BACKFILL - 2 6INCH (H251031-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.87	93.3	2.00	1.19	
Toluene*	<0.050	0.050	02/26/2025	ND	1.96	97.8	2.00	2.24	
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	1.96	98.2	2.00	2.44	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	5.99	99.9	6.00	2.26	
Total BTEX	<0.300	0.300	02/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2025	ND	224	112	200	0.339	
DRO >C10-C28*	<10.0	10.0	02/25/2025	ND	212	106	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/26/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVINGTON, NM LEA CO, NM 88240		

Sample ID: BACKFILL - 3 6INCH (H251031-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2025	ND	1.87	93.3	2.00	1.19	
Toluene*	<0.050	0.050	02/26/2025	ND	1.96	97.8	2.00	2.24	
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	1.96	98.2	2.00	2.44	
Total Xylenes*	<0.150	0.150	02/26/2025	ND	5.99	99.9	6.00	2.26	
Total BTX	<0.300	0.300	02/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2025	ND	224	112	200	0.339	
DRO >C10-C28*	<10.0	10.0	02/25/2025	ND	212	106	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 MARCUS GIPSON
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	02/20/2025	Sampling Date:	02/20/2025
Reported:	02/26/2025	Sampling Type:	Soil
Project Name:	ROBERT AGX	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVINGTON, NM LEA CO, NM 88240		

Sample ID: BACKFILL - 4 18INCH (H251031-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/26/2025	ND	1.87	93.3	2.00	1.19		
Toluene*	<0.050	0.050	02/26/2025	ND	1.96	97.8	2.00	2.24		
Ethylbenzene*	<0.050	0.050	02/26/2025	ND	1.96	98.2	2.00	2.44		
Total Xylenes*	<0.150	0.150	02/26/2025	ND	5.99	99.9	6.00	2.26		
Total BTEx	<0.300	0.300	02/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2025	ND	224	112	200	0.339	
DRO >C10-C28*	<10.0	10.0	02/25/2025	ND	212	106	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	02/25/2025	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

~~101 East Maryland, Hobbs, NM 88240~~

(575) 393-2326 FAX (575) 393-2476

[illegible]

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

QUESTIONS

Action 442723

QUESTIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 442723
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2304441722
Incident Name	NAPP2304441722 ROBERTS AGX STATE 1 @ 30-025-33406
Incident Type	Blow Out
Incident Status	Reclamation Report Received
Incident Well	[30-025-33406] ROBERT AGX STATE #001

Location of Release Source

Please answer all the questions in this group.

Site Name	ROBERTS AGX STATE 1
Date Release Discovered	02/06/2023
Surface Owner	State

Incident Details

Please answer all the questions in this group.

Incident Type	Blow Out
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Blow Out Producing Well Crude Oil Released: 18 BBL Recovered: 0 BBL Lost: 18 BBL.
Produced Water Released (bbls) Details	Cause: Blow Out Producing Well Produced Water Released: 15 BBL Recovered: 0 BBL Lost: 15 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Other (Specify) Released: 0 (Unknown Released Amount) Recovered: 0 Lost: 0
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Leak on surface casing valve blowing out gas and formation mud/fluid

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QUESTIONS, Page 2

Action 442723

QUESTIONS (continued)

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 442723
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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Chris Davis Title: EHS Supervisor Email: chris.davis@contango.com Date: 12/27/2023
--	---

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QUESTIONS, Page 3

Action 442723

QUESTIONS (continued)

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 442723
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	18400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	243
GRO+DRO (EPA SW-846 Method 8015M)	139
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	09/15/2024
On what date will (or did) the final sampling or liner inspection occur	11/01/2024
On what date will (or was) the remediation complete(d)	11/01/2024
What is the estimated surface area (in square feet) that will be reclaimed	117497
What is the estimated volume (in cubic yards) that will be reclaimed	4220
What is the estimated surface area (in square feet) that will be remediated	24300
What is the estimated volume (in cubic yards) that will be remediated	4220

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 442723

QUESTIONS (continued)

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 442723
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Andrew Parker Title: Consultant Email: andrew@mcnabbpartners.com Date: 07/24/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 442723

QUESTIONS (continued)

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 442723
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 442723

QUESTIONS (continued)

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 442723
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	428207
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/06/2025
What was the (estimated) number of samples that were to be gathered	9
What was the sampling surface area in square feet	1400

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	37300
What was the total volume (cubic yards) remediated	5623
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	37300
What was the total volume (in cubic yards) reclaimed	5623
Summarize any additional remediation activities not included by answers (above)	Excavation and disposal
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Dmitry Nikanorov Email: dimitry@mcnabbpartners.com Date: 03/14/2025

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QUESTIONS, Page 7

Action 442723

QUESTIONS (continued)

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 442723
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	37300
What was the total volume of replacement material (in cubic yards) for this site	5623
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	03/07/2025
Summarize any additional reclamation activities not included by answers (above)	Build berm to prevent vehicle access to the reclaimed area
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Dmitry Nikanorov Email: dimitry@mcnabbpartners.com Date: 03/14/2025

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QUESTIONS, Page 8

Action 442723

QUESTIONS (continued)

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 442723
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 442723

CONDITIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 442723
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	4/3/2025