

Spill Dimensions to Volume of Release			
Input	volume of affected soil	[feet^3]	971.50
Input	Porosity: typically is .35 to .40 for most soils	[-]	0.35
Input	Proportion of porosity filled with release fluid [0,1]	[-]	0.36
Output	volume of fluid	[feet^3]	122.4
		[gal]	915.7
		Barrels	21.8

From GIS	
Sq. Ft	1943
Depth (ft)	0.5
Cu. Ft	971.5

Total Release Volume	Barrels	21.8
Produced Water (80%)	Barrels	17.4
Crude Oil (20%)	Barrels	4.4

Total Recovered Volume	Barrels	18.0
Produced Water (80%)	Barrels	14.4
Crude Oil (20%)	Barrels	3.6



McNabb Partners, LLC
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January 26, 2024

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

RE: Characterization Report and Remediation Workplan
Incident ID: nAPP2326344306
Bell Lake Unit #4 1
Project ID: 20230916-0830-BellLake4

NMOCD:

McNabb Partners LLC submits this characterization report and remediation workplan on behalf of Kaiser-Francis Oil Company.

The above incident is located onsite within an unlined bermed tank battery. The release occurred on September 16, 2023 due to failure of a solenoid on a gas line to the tank battery causing the south tank to overflow into the tank battery containment. The release was originally reported as approximately 4.4 bbls of oil (3.6 bbls recovered) and 17.6 bbls of produced water (14.4 bbls recovered). Upon further assessment, the fluid released was natural gas condensate (Figure 1). During the initial response, approximately 18 cubic yds of impacted soil within the bermed tank battery was excavated and transported off site to an approved disposal facility.



Figure 1: View of release extent within the bermed tank battery. Photo is facing southwest from the northeast extent. Date Taken: 2023-09-16 08:51:32; GPS: 32.2484836, -103.5114822



Project ID: 20230916-0830-BellLake4

Location: Bell Lake Unit #4 1

Incident #: nAPP2326344306

Data as presented in the OCD Permitting Digitized C-141 online reporting system is attached. We refer the reader to this section to become familiar with current site conditions. Relevant communications are included in Appendix A.

The following maps are presented in the ‘Plates’ section of this report:

Plate 1	Site Map
Plate 2	Depth-to-Water
Plate 3	Nearby Water Wells/Wellhead Protection
Plate 4	Nearby Water Courses
Plate 5	Nearby Structures
Plate 6	Wetlands
Plate 7	Mines and Minerals
Plate 8	Karst
Plate 9	Flood Hazard
Plate 10	Characterization Sample Locations
Plate 11	Proposed Remediation & Deferral Areas

The following sections discuss:

- Site characterization,
- Closure Criteria concentrations, and
- Remediation Plan.

1. Characterization

1.1. *Site Map*

The horizontal extent of the release was determined by visual observations. The release extent was mapping utilized GPS technology with sub-meter accuracy.

Plate 1 shows the release extent relative to the Bell Lake Unit #4 1 production facilities, nearby utilities, highway and pasture. The source of the release is located at 32.2483309, -103.5115732 (Lat, Long; NAD83). The release extent covered an area of approximately 2242 sq. ft. An impacted area of approximately 464 sq ft south of the tank battery was identified during site characterization and is included in this characterization report and remediation plan. Collectively, the area is commonly referenced as the “Area of Interest” (AOI).

1.2. *Depth to Ground Water*

The nearest measurements of depth-to-water are from 3 monitoring wells (within 0.5 miles of release) that were drilled by GHD Services on behalf of Energy Transfer Company in February 2017. The monitoring wells are identified on Plate 2 according to their OSE File #. Depth to water gauged at 81 -87 ft below ground surface (bgs). The driller logs are located in Appendix B.



Project ID: 20230916-0830-BellLake4

Location: Bell Lake Unit #4 1

Incident #: nAPP2326344306

1.3. Wellhead Protection Area

The nearest water well is located 0.5 miles northeast of the AOI. The well is mapped as C-03564 POD1 on Plate 3. Files in the OSE database shows a Change of ownership and application for use for livestock watering. No well log on file. Visual inspection conducted by McNabb Partners confirmed there is a well at that location but does not appear to be in use.

1.4. Distance to Nearest Significant Water Course

Plate 4 shows that the AOI is:

- Within ½ mile of a significant water course. The nearest mapped watercourse is located 1528-feet northwest of the release and is identified as a Lake/Pond. Aerial imagery shows this feature to be a dry depression.
- Not within 300 feet of a continuously flowing watercourse or any other significant watercourse.
- Not within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

1.5. Soil/Waste Characteristics

Lithologic logging during characterization sampling shows:

Depth (ft)	Lithology	Properties
0 - 0.3 ft	Caliche Pad	Tan
0.3 - 1.5 ft	Silty Sand	Medium-low density
1.5 - 2.5 ft	Caliche	Medium Density
2.5 - 11 ft	Caliche	Medium to low density
11 - 16 ft	Silty Sand	Medium-low density

Borehole logs that are representative of site lithology are located in Appendix B. Borehole log CS-03.1.1 represents the area south of the tank battery. Borehole logs CS-05 and CS-06.1 represent the impacted area within the tank battery.

Horizontal and vertical delineation samples were obtained to define the area of concern. Plate 10 shows the location of the horizontal and vertical delineation sample point locations. Sample point coordinates are shown in Table A. Table B shows the summary of analytical results.



Project ID: 20230916-0830-BellLake4

Location: Bell Lake Unit #4 1

Incident #: nAPP2326344306

Initial characterization soil samples were collected using hand auger boring technologies. Hand auger refusal was encountered around 2-feet below ground surface due to the medium to hard caliche layer. A Geoprobe 6620DT direct-push drill rig was mobilized to obtain vertical delineation samples. Figure 2 shows the collection of soil samples at CS-06.01.



Figure 2: Soil sampling at CS-06.1 within the tank battery containment.
11/16/2023. GPS: 32.248453 N, 103.511619 W

Horizontal delineation met the most stringent closure criteria listed in Table 1 of 19.15.29 NMAC. Vertical delineation for points outside of the tank battery also met the most stringent closure criteria with the exception of CS-03.2, which will be vertically delineated at the time of remediation.

The tank battery area was vertically delineated for chloride and hydrocarbon impacted soils to a depth of 16-feet. Within the tank battery, chloride and hydrocarbon impacted soils above Closure Criteria is limited to the upper 14-feet. CS-06 was not sampled due to production equipment preventing direct-push drilling access.

The below soil sample points exceeded Closure Criteria per 19.15.29 NMAC for areas in-use on an active production pad for oil and gas operations.

Sample ID	Area	Actions
CS-03 CS-05 CS-06.1	Tank Battery	In-Situ Bioremediation and defer for impacts at greater depths.
CS-03.2	South of tank battery	Remediate.



Project ID: 20230916-0830-BellLake4

Location: Bell Lake Unit #4 1

Incident #: nAPP2326344306

Closure Criteria as listed in Table 1 of 19.15.29 NMAC, where depth to water is 50 - 100 feet, is defined as

DTW 51-100 ft	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)
0 - 4 feet & "not in-use"	600	--	100	10	50
> 4 ft or "in-use"	10,000	1,000	2,500	10	50

2. Remediation & Restoration Workplan

Kaiser-Francis proposes to remediate the area south of the tank battery in the proximity of sample CS-03.2 (Plate 11) until hydrocarbon concentrations meet Closure Criteria for on-site use. This area is approximately 200 sq. ft. During characterization sampling, the upper 2-ft meet the most stringent Closure Criteria. The upper 2-feet of soil will be stockpiled for re-use as backfill material. Prior to re-use, the stockpiled soil will be sampled every 10 cu. yds. If laboratory results exhibit concentrations above the most stringent Closure Criteria, the stockpiled material will be hauled off-site for proper disposal.

Impacted soils within the proposed remediation area will be excavated until the walls and bases meet Closure Criteria for areas in-use for oil and gas operations per Table 1 of 19.15.29 NMAC, where depth to water is between 51 and 100-ft. The surface will be restored per 19.15.29.13.A-C. Base and wall confirmation samples will not exceed 200 sq. ft. The remediated area will be backfilled with non-waste containing clean material and the surface restored to an active production pad.

Approximately 15 cu. yds. of material will be excavated and hauled off-site to an approved disposal facility. Remediation will begin within 90-days of workplan approval. If confirmation samples meet the above closure criteria, we will submit a closure report within 45-days of laboratory results.

3. Deferral Request

We respectfully ask NMOCD for deferral of remediation around active production equipment within the tank battery area (Plate 11) per 19.15.29.12.C.(2). Remediation around the tank battery and pipelines would cause a major facility deconstruction (Figure 3). Soil samples CS-05 and CS-06.1 define vertical delineation. The surface area of the tank battery deferral area is 3,431 sq. ft.

Project ID: 20230916-0830-BellLake4

Location: Bell Lake Unit #4 1

Incident #: nAPP2326344306

To enhance in-situ bioremediation of hydrocarbon impacted soils within the tank battery area, Kaiser-Francis will apply Regen-Ox¹ or a similar in-situ chemical oxidation product.



Figure 3: Proposed remediation deferral area within the bermed tank battery area. Photo is viewing southeast from the northeast corner of the tank battery containment berm. 09/27/2023. GPS: 32.248456 N, 103.511475 W

When the production site is no longer in use for oil and gas operations, the surface shall be remediated, restored, and reclaimed per 19.15.29.12 and 19.15.29.13 NMAC.

Please contact me with any questions at 970-570-9535.

Sincerely,

Andrew Parker
Environmental Manager
McNabb Partners
c: (970) 570-9535

¹ <https://regenesi.com/eur/remediation-products/regenox/>

Digital Reporting Table



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Location: Bell Lake Unit #4 1
 Incident ID: nAPP2326344306
 Lat/Long: 32.2483309, -103.5115732 (Lat, Long; NAD83)
 Unit/Township/Range/Section: UL F, Sec 6, T 24S, R 34E

NOR information	
Location of Release Source	
Site Name	Bell Lake Unit 4
Date released discovered	09/16/2023
Surface owner	State
Incident Details	
Incident Type	Equipment failure
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 to fresh water?	No
Nature and Volume of Release	
• Crude oil released (bbls) Details	4.4 bbls.
• Produced water released (bbls) Details	17.4 bbls.
• Is the concentration of chloride in the produced water > 10,000 mg/l	Yes
• Condensate released (bbls) Details	
• Natural Gas Vented (Mcf) Details	
• Natural Gas Flared (Mcf) Details	
• Other released details	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown and/or Fire or any negative lost amounts)	Crude oil recovered - 3.6 bbls: Produced water recovered – 14.4
Is this a gas only submission (i.e only significant Mcf values reported)?	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC?	No
Reasons why this would be considered a submission for a notification of a major release	
The source of the release has been stopped	Yes
The impacted area has been secured to protect human health and the environment	Yes
Release materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	Yes
All free liquids and recoverable materials have been removed and managed appropriately	Yes
If all of the actions described above have not been undertaken, explain why	

Location: Bell Lake Unit #4 1
 Incident ID: nAPP2326344306
 Lat/Long: 32.2483309, -103.5115732 (Lat, Long; NAD83)
 Unit/Township/Range/Section: UL F, Sec 6, T 24S, R 34E

Site Characterization	
What is the shallowest depth to groundwater (ft bgs) Plate 2	81 ft
What measure was used to determine this?	OSE driller logs
Did this release impact ground or surface water?	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
<ul style="list-style-type: none"> A continuously flowing watercourse or any other significant watercourse. Plate 4 	1528 ft NW of the release
<ul style="list-style-type: none"> Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark). Plate 4 	1528 ft NW of the release
<ul style="list-style-type: none"> An occupied permanent residence, school, hospital, institution or church. Plate 5 	>1 mi
<ul style="list-style-type: none"> A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes. Plate 3 	>0.5 mi
<ul style="list-style-type: none"> Any other fresh water well or spring. Plate 3 	>0.5 mi
<ul style="list-style-type: none"> Incorporated municipal boundaries or a defined municipal fresh water well field. Plate 3 	>5 mi
<ul style="list-style-type: none"> A wetland. Plate 6 	1528 ft NW of the release
<ul style="list-style-type: none"> A subsurface mine. Plate 7 	>5 mi
<ul style="list-style-type: none"> A (non-karst) unstable area. 	>5 mi
<ul style="list-style-type: none"> Categorize the risk of this well/site being in a karst geology. Plate 8 	Low
<ul style="list-style-type: none"> A 100-year floodplain. Plate 9 	>5 mi
Did the release impact areas not on an exploration, development, production, or storage site?	No

Location: Bell Lake Unit #4 1
 Incident ID: nAPP2326344306
 Lat/Long: 32.2483309, -103.5115732 (Lat, Long; NAD83)
 Unit/Township/Range/Section: UL F, Sec 6, T 24S, R 34E

Remediation Plan	
Requesting a remediation plan approval with this submission?	Yes
Have the lateral and vertical extents of the contamination been fully delineated (<i>attach report demonstrating lateral and vertical extents</i>)?	Yes
Was this release entirely contained within a lined containment area?	No
Soil Contamination Sampling (Highest observable value for each in mg/kg)	
• Chloride	1680
• TPH (DRO+GRO+MRO)	22,175
• GRO+DRO	21,550
• BTEX	204.13
• Benzene	11
On what estimated date will the remediation commence	03/25/2024
On what date will (or did) the final sampling or liner inspection occur	12/27/2023
On what date will (or was) the remediation completed	04/23/2024
What is the estimated surface area (in square feet) that will be reclaimed	4970
What is the estimated volume (in cubic yards) that will be reclaimed	200
What is the estimated surface area (in square ft) that will be remediated	200
What is the estimated volume (in cubic yards) that will be remediated	15
The remediation will (or is expected to) utilize the following processes to remediate/reduce contaminants:	
• Excavation and off-site disposal	Yes
• Excavation and on-site disposal	
• Soil Vapor Extraction (in Situ)	
• Chemical processing (in Situ)	Yes
• Biological processing (in Situ)	
• Physical processing (in Situ)	
• Groundwater abatement	
• Other (non-listed remedial process)	
• Other non-listed remedial process. Please specify	
Attach proposed remediation plan narrative, including anticipated timelines for beginning and completion of remediation	Dig-haul-dispose impacted area not within the tank battery area. In-Situ Chemical Oxidation for area within tank battery.

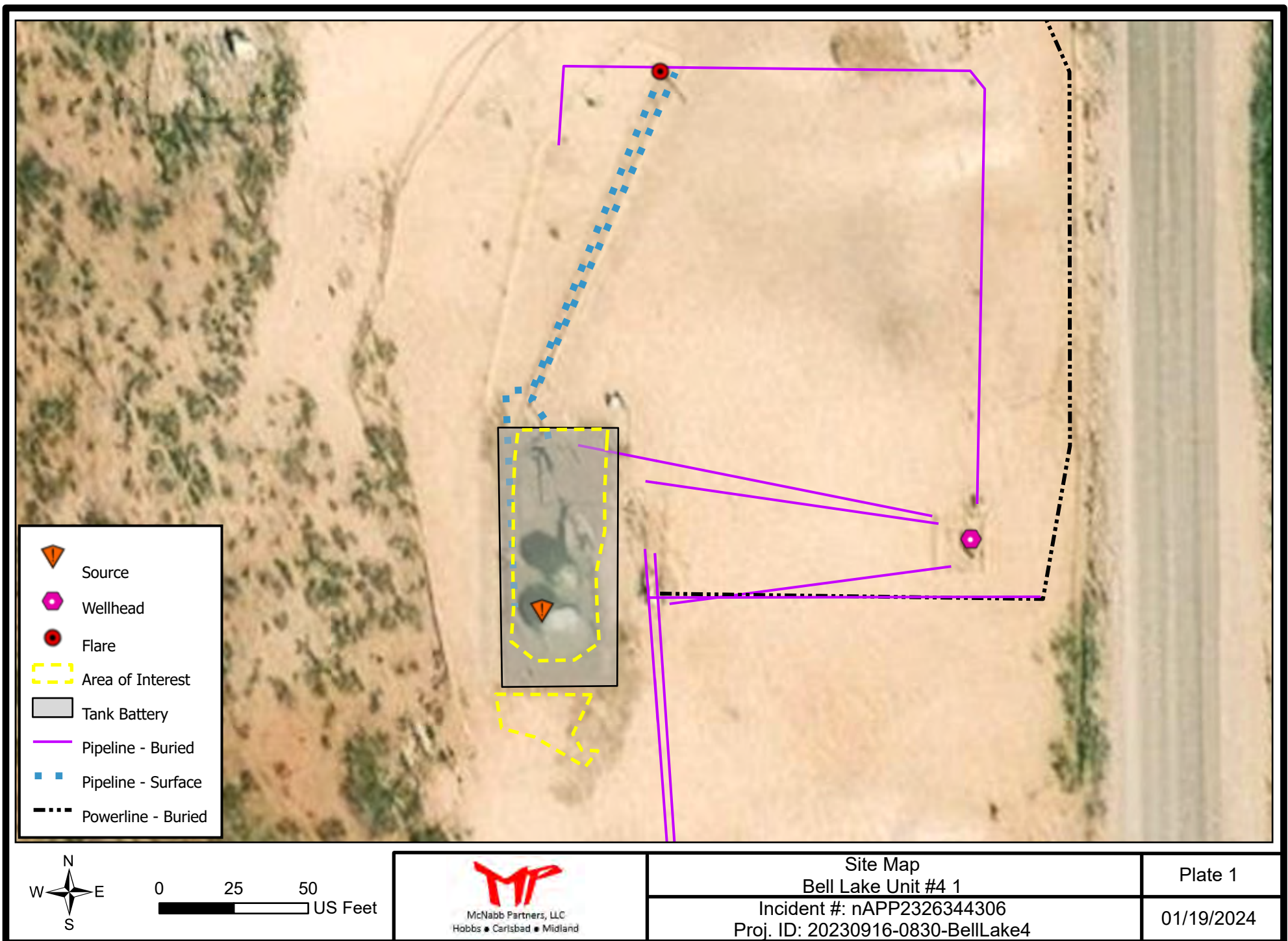
Location: Bell Lake Unit #4 1
Incident ID: nAPP2326344306
Lat/Long: 32.2483309, -103.5115732 (Lat, Long; NAD83)
Unit/Township/Range/Section: UL F, Sec 6, T 24S, R 34E

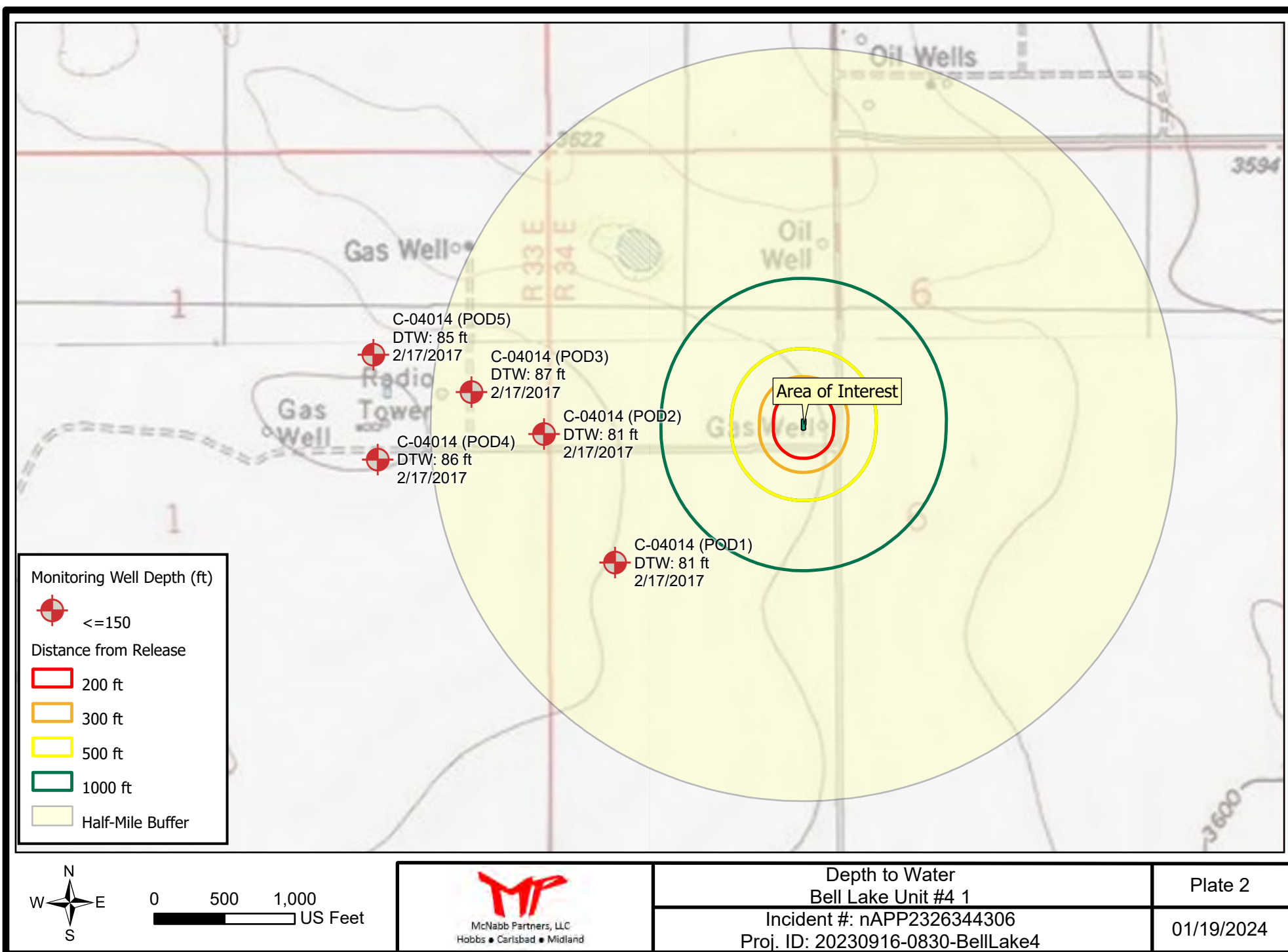
Deferral Requests Only	
Requesting a deferral of the remediation closure due date with approval of this submission?	Yes
Have the lateral and vertical extents of the contamination been fully delineated?	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction?	Yes
What is the remaining surface area (in sq ft) that will still need to be remediated if deferral is granted?	3431
What is the remaining volume (in cubic yards) that still needs to be remediated if the deferral is granted?	1,270
Enter the facility ID on which this deferral should be granted	NA
Enter the well API on which this deferral should be granted	30-025-08491
Contamination does not cause an imminent risk to human health, the environment or groundwater.	True

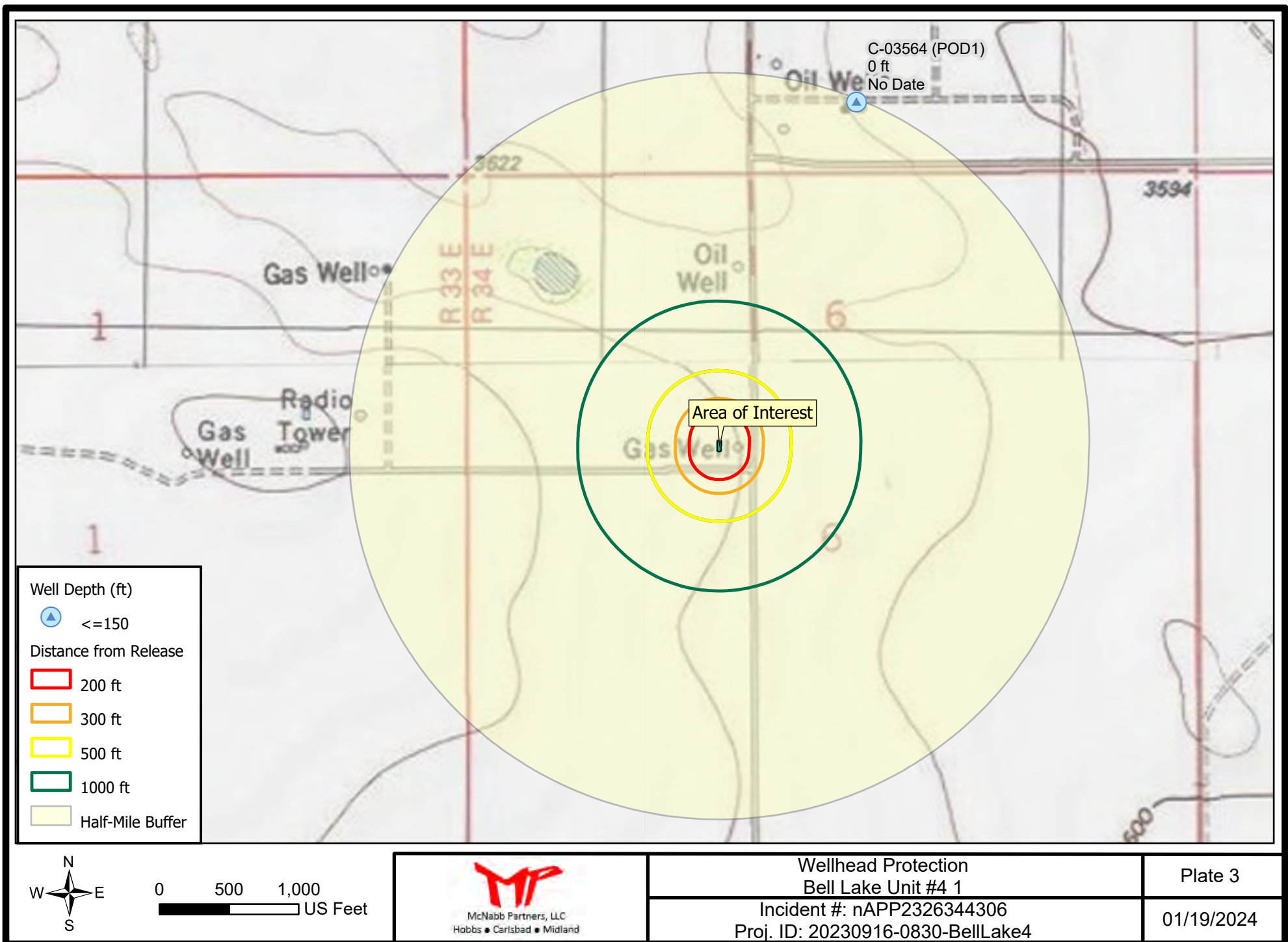
Plates

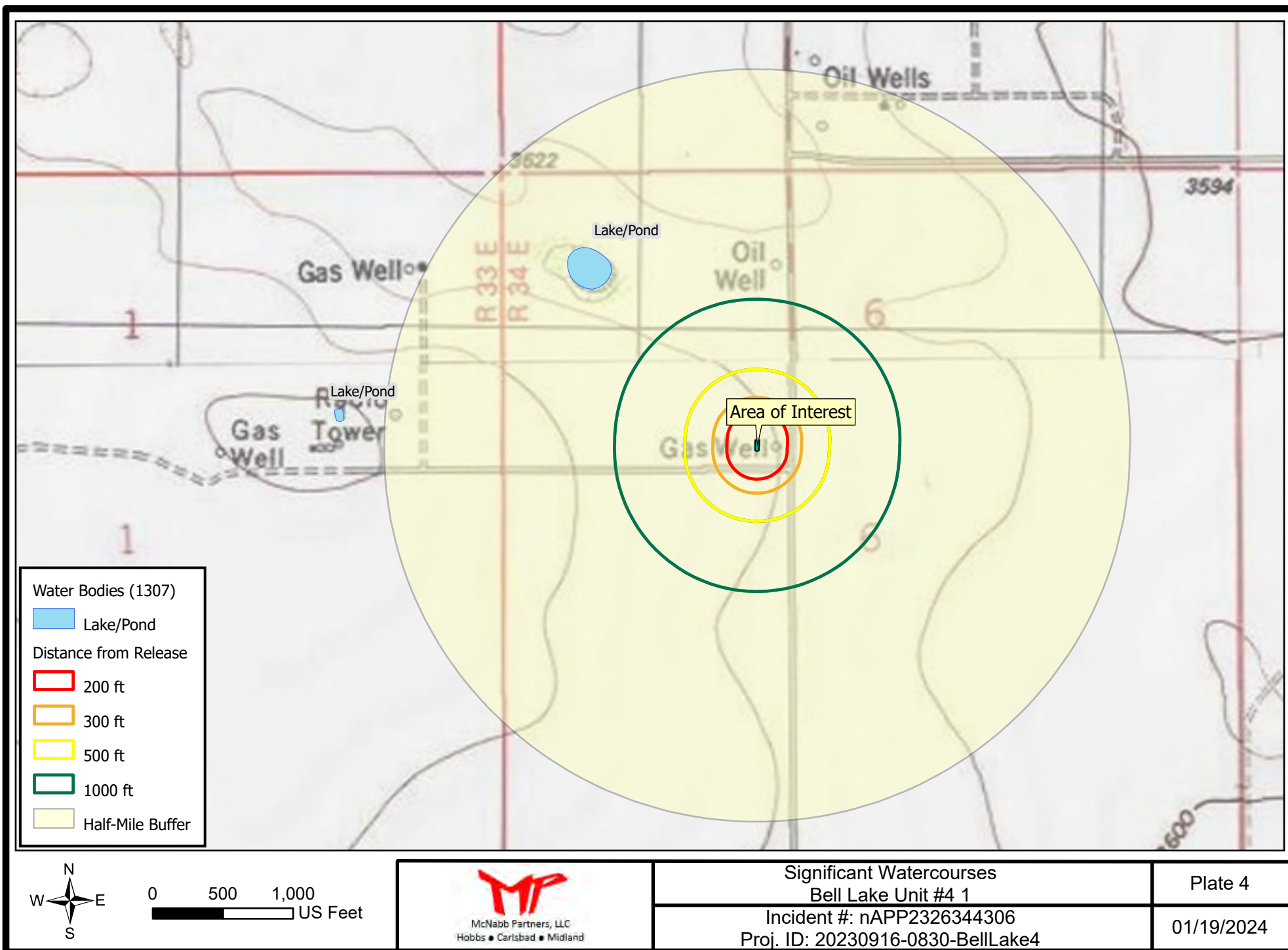


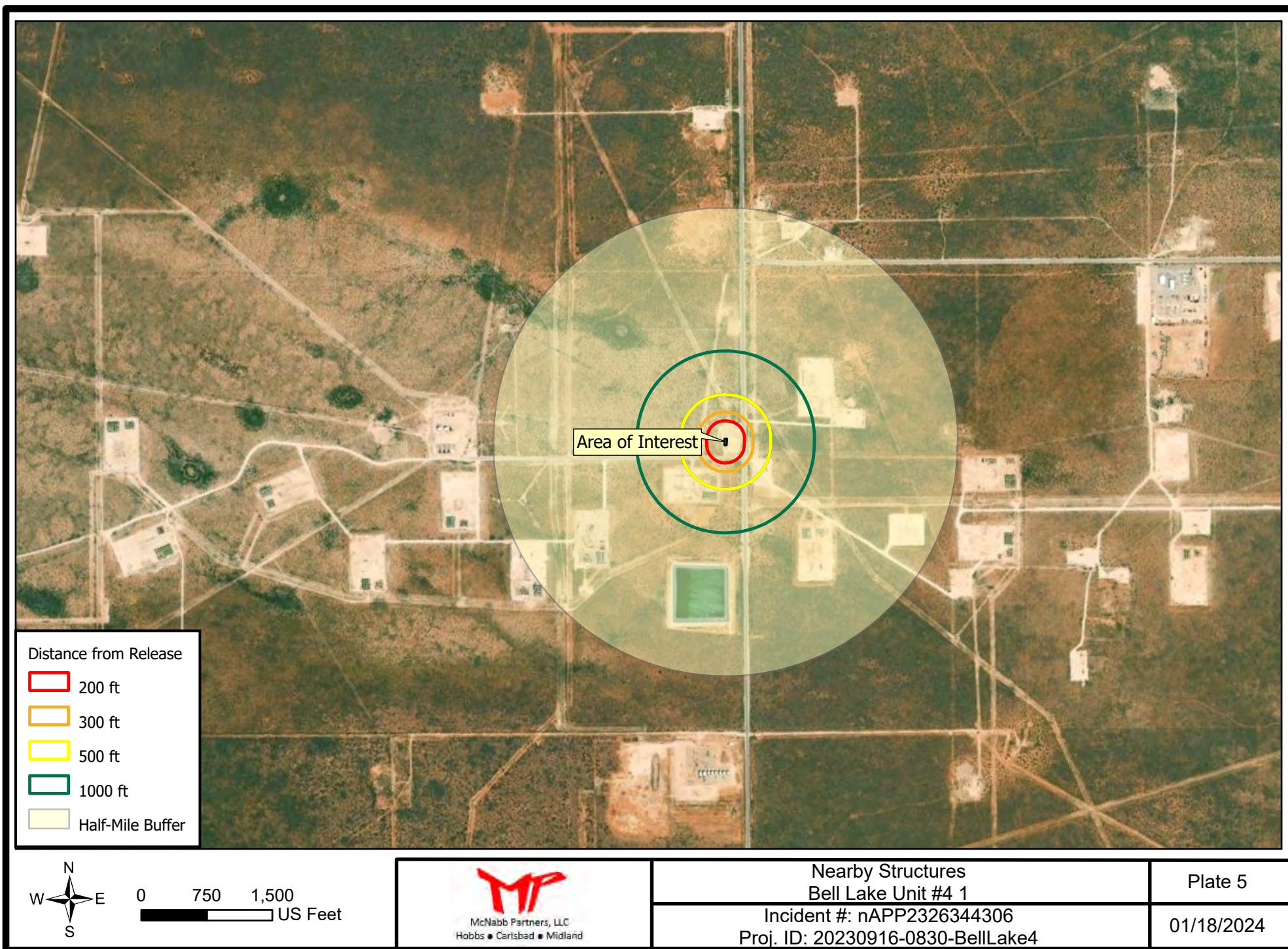
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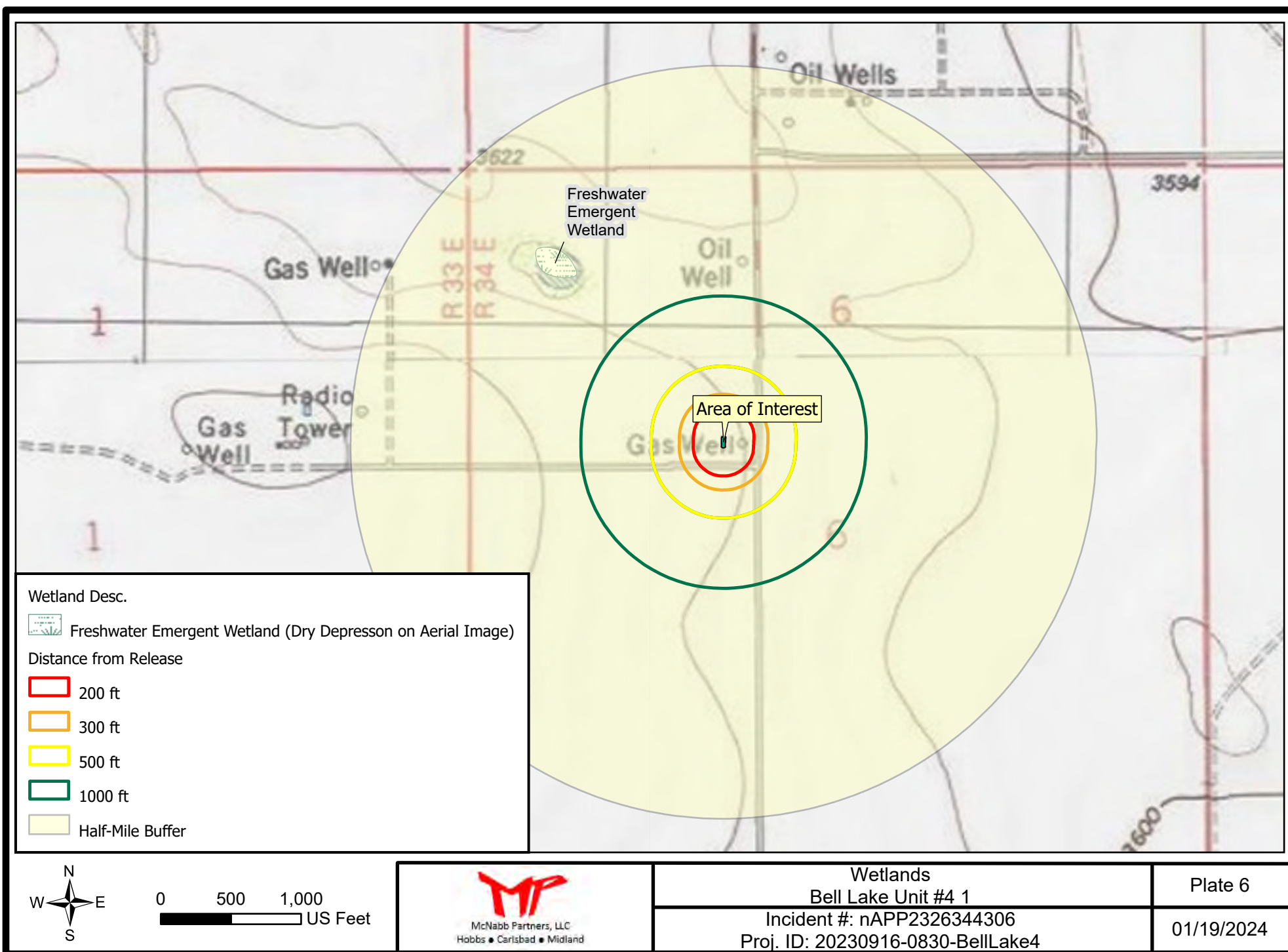


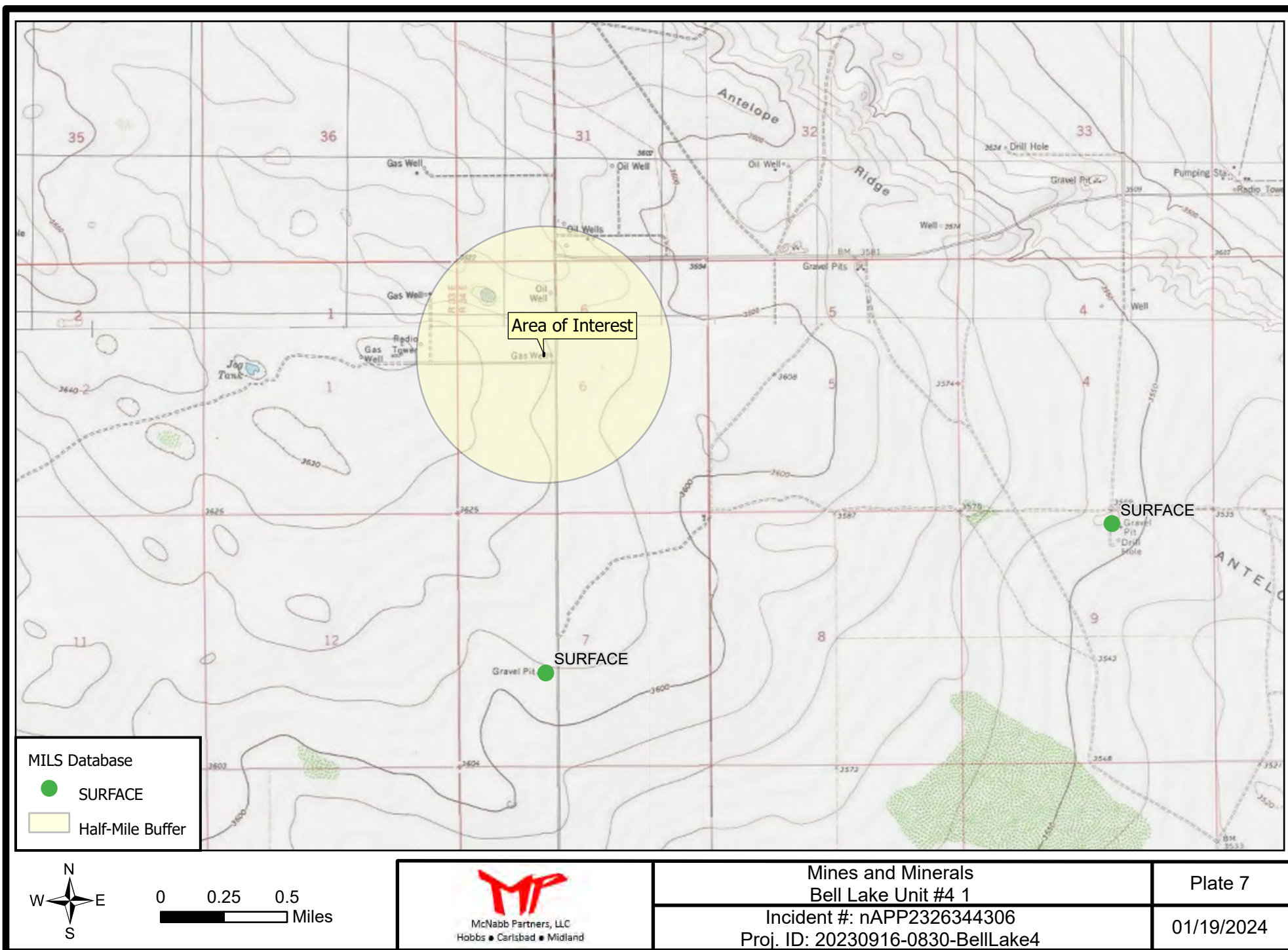


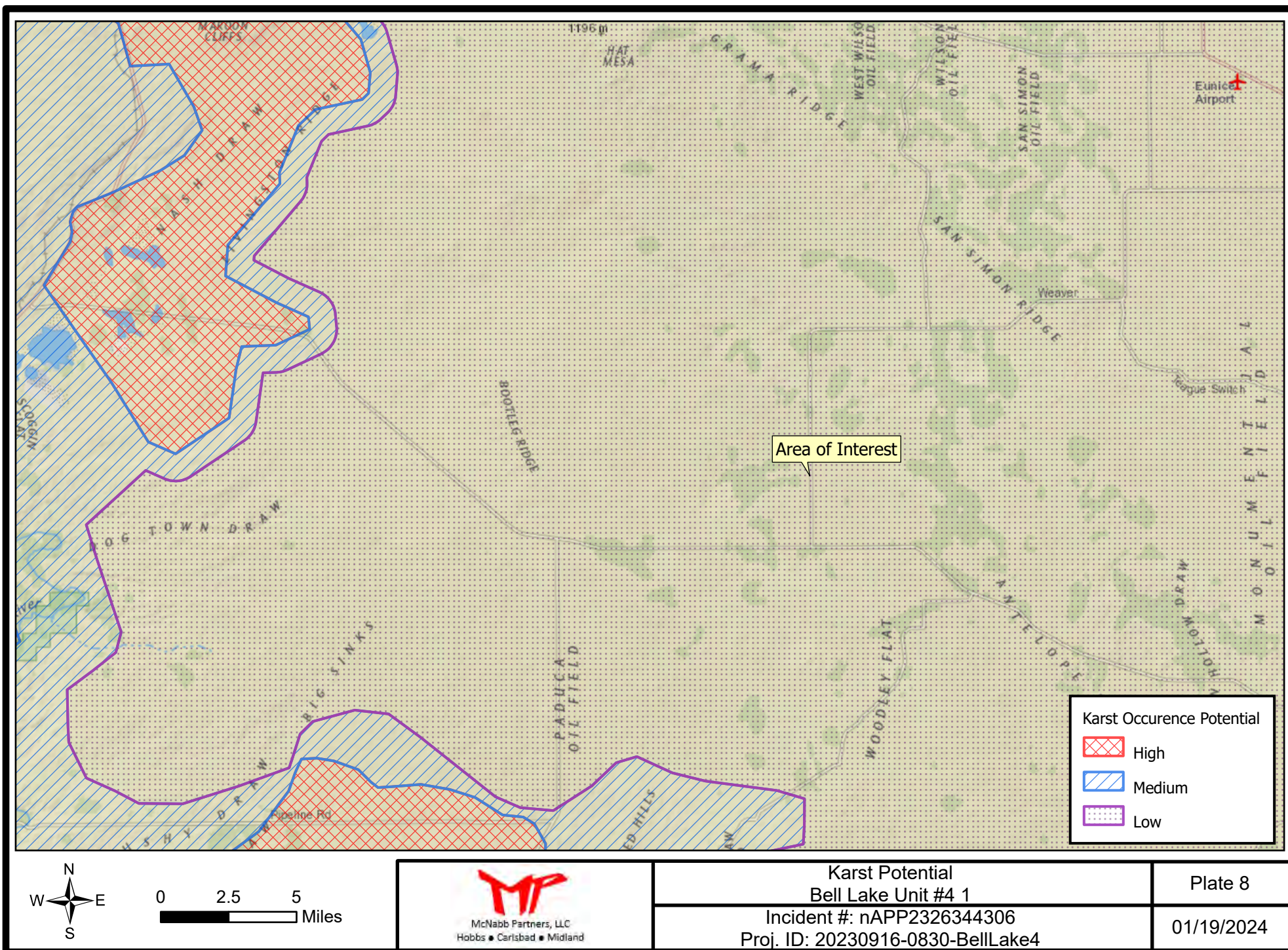


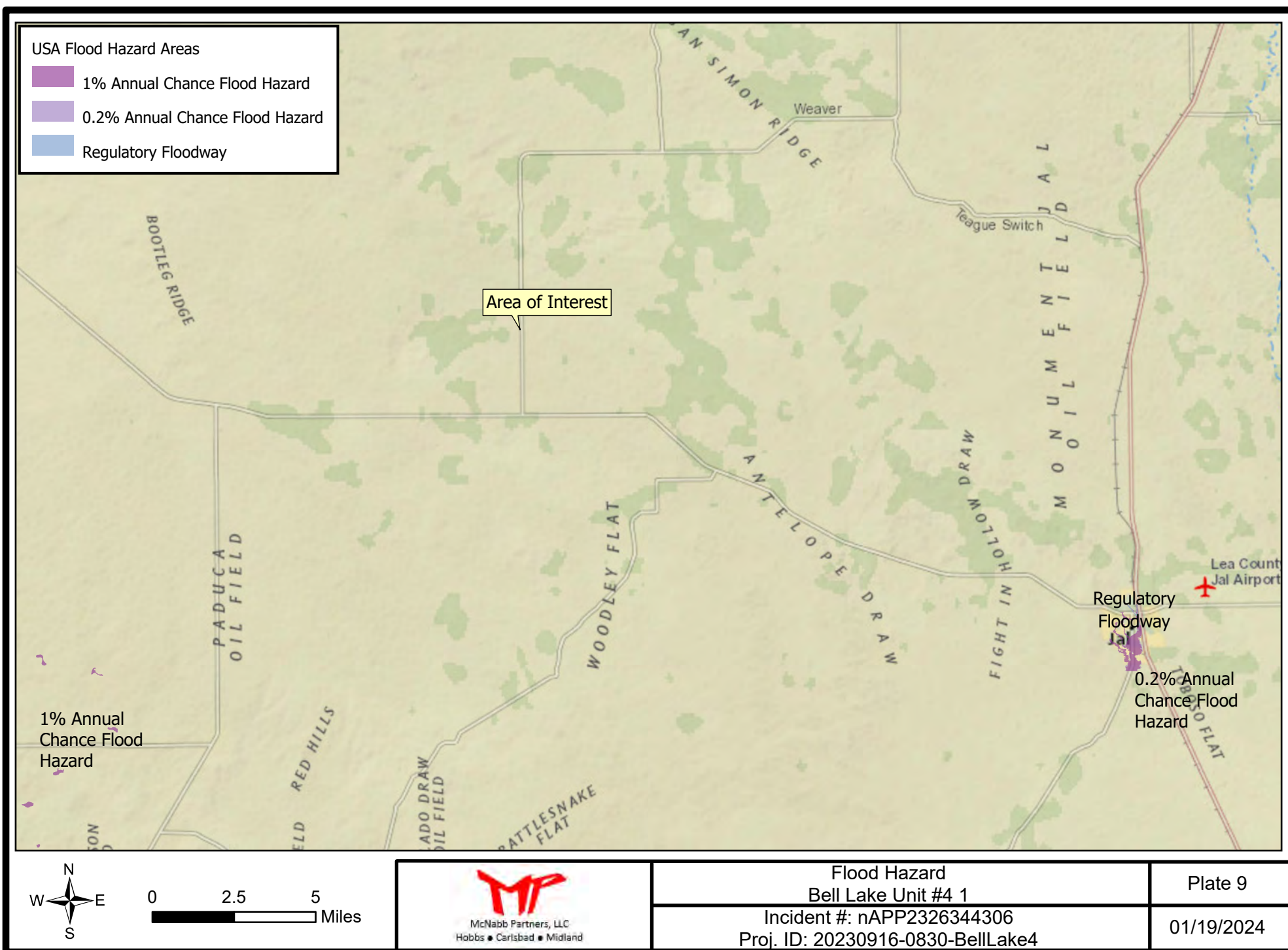


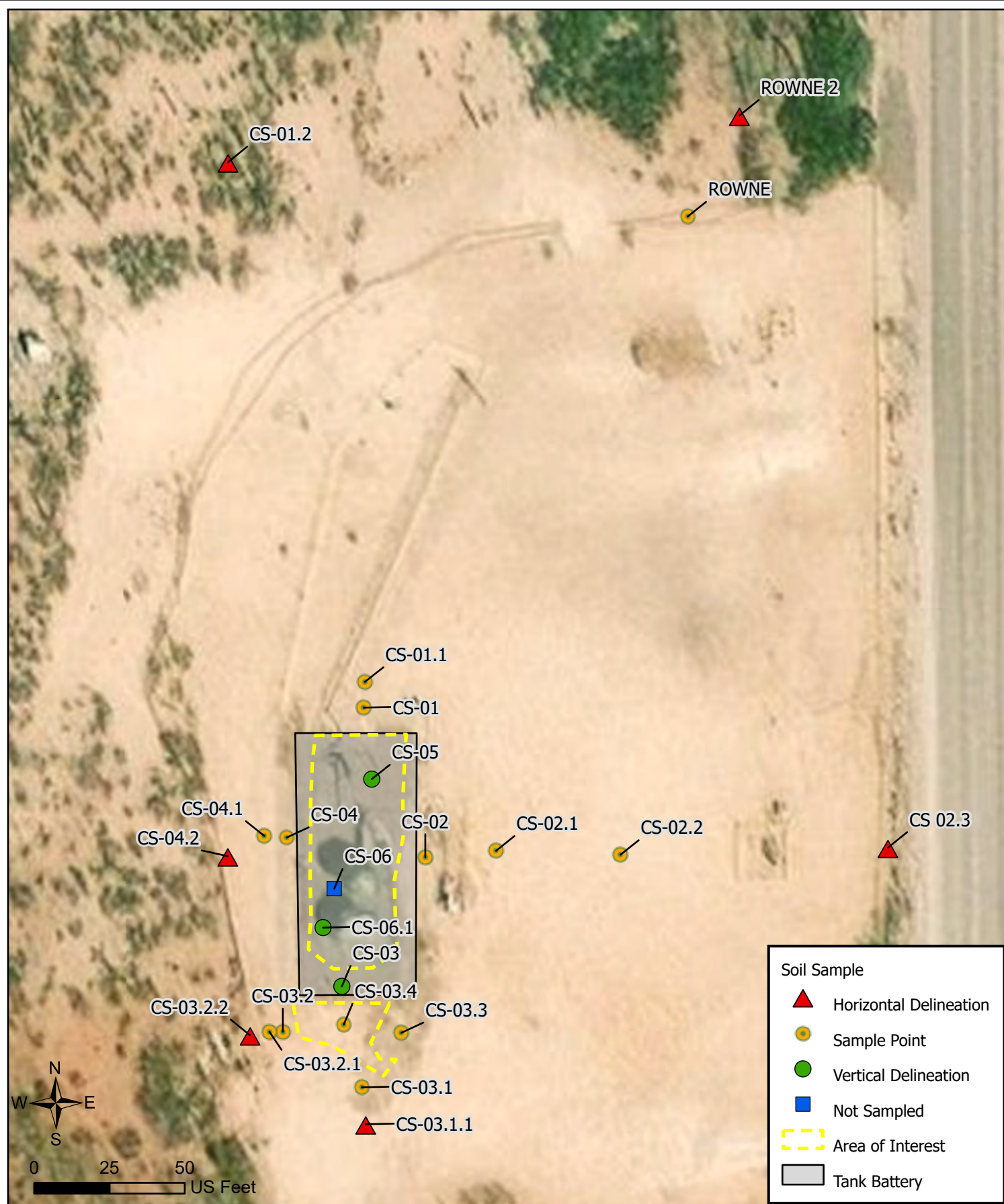












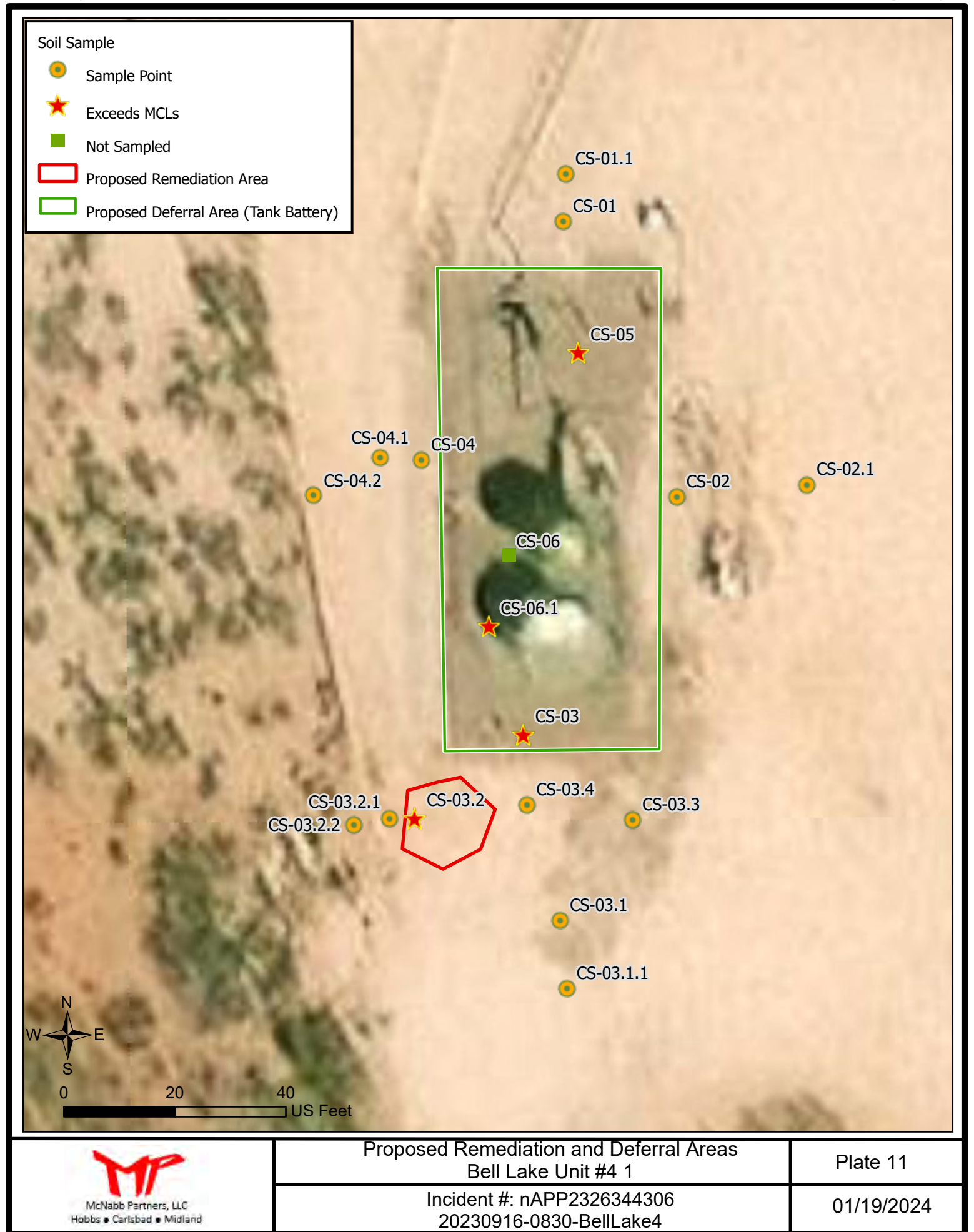
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Characterization Sample Point Locations Bell Lake Unit #4 1

Incident #: nAPP2326344306
20230916-0830-BellLake4

Plate 10

01/19/2024



Tables



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01/10/2024

Table A
Characterization Sample Point Coordinates

Incident ID: nAPP2326344306

Bell Lake Unit #4 1

Project ID: 20230916-0830-BellLake4

Sample Point	Longitude	Latitude
CS-01	-103.5115540	32.2485287
CS-01.1	-103.5115524	32.2485521
CS-01.2	-103.5116765	32.2490614
CS-02	-103.5114891	32.2483916
CS-02.1	-103.5114131	32.2483972
CS-02.2	-103.5112796	32.2483926
CS-02.3	-103.5109924	32.2483971
CS-03	-103.5115708	32.2482695
CS-03.1	-103.5115590	32.2481822
CS-03.1.1	-103.5115553	32.2481485
CS-03.2	-103.5116435	32.2482334
CS-03.2.1	-103.5116579	32.2482335
CS-03.2.2	-103.5116787	32.2482305
CS-03.3	-103.5115163	32.2482317
CS-03.4	-103.5115780	32.2482396
CS-04	-103.5116377	32.2484107
CS-04.1	-103.5116618	32.2484123
CS-04.2	-103.5117012	32.2483941
CS-05	-103.5115460	32.2484634
CS-06	-103.5115872	32.2483637
CS-06.1	-103.5115994	32.2483282
ROWNE	-103.5111924	32.2489682
ROWNE 2	-103.5111358	32.2490601

January 18, 2024

Table B
Summary of AnalyticalIncident ID: nAPP2326344306
Bell Lake Unit #4 1
Project ID: 20230916-0830-BellLake4

Sample ID	Date	(Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Delineation	Comments	Lab	Lab #
NMOCD Closure Criteria													
0 - 4 feet & "not in-use"					600	--	100	10	50				
> 4 ft or "in-use"					10,000	1,000	2,500	10	50				
CS-01	9/27/2023		0	1.75	ND	<117.5	<217.5	ND	ND		Hand Auger Refusal	Envirotech	E309232
CS-01.1	11/15/2023		0	2	240	<20	<30	<0.05	<0.3			Cardinal	H236287
CS-01.1	11/15/2023		2	4	624	<20	<30	<0.05	<0.3			Cardinal	H236287
CS-01.1	11/15/2023		4.1	5	80	<20	<30	<0.05	<0.3			Cardinal	H236287
CS-01.2	12/27/2023		0	1	96	<34	<44	<0.05	<0.3	Horizontal Delineation		Cardinal	H236848
CS-01.2	12/27/2023	1.25			272	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236848
CS-02	9/27/2023		0	1.25	649	ND	ND	ND	ND			Envirotech	E309232
CS-02	9/27/2023	1.25			732	ND	ND	ND	ND		Hand Auger Refusal	Envirotech	E309232
CS-02.1	11/15/2023		0	2	896	<20	<30	<0.05	<0.3			Cardinal	H236287
CS-02.1	11/16/2023		2	4	1100	<20	<30	<0.05	<0.3			Cardinal	H236287
CS-02.1	11/16/2023		4.1	4.5	1220	<20	<30	<0.05	<0.3			Cardinal	H236287
CS-02.1	11/16/2023		4.5	5.5	1090	<20	<30	<0.05	<0.3			Cardinal	H236287
CS-02.2	12/6/2023		0	1	688	<20	<30	<0.05	<0.3			Cardinal	H236563
CS-02.2	12/6/2023	2			288	<20	<30	<0.05	<0.3			Cardinal	H236563
CS-02.3	12/27/2023		0	1	32	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236848
CS-02.3	12/27/2023	1.25			16	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236848
CS-03	9/27/2023		+1	2	29.8	21,550	<21600	8.23	204.13		Strong hydrocarbon odor	Envirotech	E309232
CS-03	9/27/2023	2.25			546	ND	ND	ND	ND	Vertical Delineation	Hand Auger Refusal	Envirotech	E309232
CS-03.1	9/27/2023		0	2	275	ND	ND	ND	ND			Envirotech	E309233
CS-03.1	9/27/2023	2.75			660	ND	ND	ND	ND		Hand Auger Refusal	Envirotech	E309233
CS-03.1.1	11/15/2023		0	2	144	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236287
CS-03.1.1	11/15/2023		2	4	384	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236287
CS-03.1.1	11/15/2023		4.1	5	416	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236287
CS-03.2	9/27/2023		0	2	183	ND	ND	ND	ND			Envirotech	E309233
CS-03.2	9/27/2023	2.25			195	<21175	<22175	11.1	190.8			Envirotech	E309233
CS-03.2.1	11/15/2023		0	2	272	<20	<30	<0.05	<0.3			Cardinal	H236287
CS-03.2.1	11/15/2023		2	4	1120	<20	<30	<0.05	<0.3			Cardinal	H236287
CS-03.2.1	11/15/2023		4.1	5	832	<20	<30	<0.05	<0.3			Cardinal	H236287
CS-03.2.2	12/6/2023		0	1	48	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236563
CS-03.2.2	12/6/2023	1.75			304	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236563
CS-03.3	9/27/2023		0	1.6	360	ND	ND	ND	ND			Envirotech	E309233
CS-03.3	9/27/2023	1.6			804	ND	ND	ND	ND			Envirotech	E309233
CS-03.4	9/27/2023		0	1.75	41.3	396.5	<446.5	ND	<2.166		Condensate Odor	Envirotech	E309233
CS-03.4	9/27/2023	1.75			335	<163	<213	ND	ND			Envirotech	E309233
CS-03.4	11/16/2023		0	2	208	<165	<175	<0.05	<0.3			Cardinal	H236287
CS-04	9/27/2023		0	1.25	357	ND	ND	ND	ND			Envirotech	E309232
CS-04	9/27/2023	1.25			702	<192	<458	ND	<0.1122		Hand Auger Refusal	Envirotech	E309232
CS-04.1	11/16/2023		0	2	1060	<22.9	<32.9	<0.05	<0.3			Cardinal	H236287
CS-04.1	11/16/2023		2.1	2.75	1680	<20	<30	<0.05	<0.3		geoprobe refusal	Cardinal	H236287
CS-04.2	12/6/2023		0	1	272	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236563
CS-04.2	12/6/2023	1.25			416	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236563

January 18, 2024

Table B
Summary of AnalyticalIncident ID: nAPP2326344306
Bell Lake Unit #4 1
Project ID: 20230916-0830-BellLake4

Sample ID	Date	(Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Delineation	Comments	Lab	Lab #
NMOCD Closure Criteria													
0 - 4 feet & "not in-use"					600	--	100	10	50				
> 4 ft or "in-use"					10,000	1,000	2,500	10	50				
ROWNE	12/6/2023		0	1	704	<41.8	<55.5	<0.05	<0.3			Cardinal	H236563
ROWNE	12/6/2023	2			768	<36	<46	<0.05	<0.3			Cardinal	H236563
ROWNE 2	12/27/2023		0	1	32	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236848
ROWNE 2	12/27/2023	1.5			16	<20	<30	<0.05	<0.3	Horizontal Delineation		Cardinal	H236848
CS-05	9/27/2023		+1	0	NS	NS	NS	NS	NS		Hydrocarbon/condensate impact; silt, sand; tank battery		
CS-05	9/27/2023	0			NS	NS	NS	NS	NS		Hydrocarbon/condensate impact; grey, black		
CS-05	11/16/2023		+1	0.5	224	6970	6996.7	<0.5	40.8		Tank battery base at 1 ft above ground surface	Cardinal	H236287
CS-05	11/16/2023		0.5	1.25	272	9750	9774.3	<0.5	48.9		strong hydrocarbon odor	Cardinal	H236287
CS-05	11/16/2023		1.25	1.75	192	2999	3014.8	<0.05	13		hydrocarbon odor	Cardinal	H236287
CS-05	11/16/2023		1.75	3.25	256	5150	<5160	<0.05	13.2		hydrocarbon odor	Cardinal	H236287
CS-05	11/16/2023		1.75	9.75	NS	NS	NS	NS	NS		sweet/sour hydrocarbon odor		
CS-05	11/16/2023	10			352	1877	1926.7	<0.05	3		slight hydrocarbon odor	Cardinal	H236287
CS-05	11/16/2023	13			128	<20	<30	<0.05	<0.3	Vertical Delineation	slight hydrocarbon odor	Cardinal	H236287
CS-05	11/16/2023		14	16.5	NS	NS	NS	NS	NS	Vertical Delineation	no hydrocarbon odor		
CS-05	11/16/2023	16			352	<20	<30	<0.05	<0.3	Vertical Delineation	no hydrocarbon odor	Cardinal	H236287
CS-06	9/27/2023		+1	0	NS	NS	NS	NS	NS	Deferred due to Production Equipment	Hydrocarbon impact; grey, black		
CS-06.1	11/16/2023		+1	1	400	9830	9921.1	<0.5	85.6		Tank battery base at 1 ft above ground surface	Cardinal	H236287
CS-06.1	11/16/2023		1	1.25	288	11030	11052.1	<1	64.1		strong hydrocarbon odor	Cardinal	H236287
CS-06.1	11/16/2023		2.25	3.75	144	4961	<4971	<0.05	9.43		hydrocarbon odor	Cardinal	H236287
CS-06.1	11/16/2023	3.75			NS	NS	NS	NS	NS		hydrocarbon odor		
CS-06.1	11/16/2023		3.75	5.75	384	5670	<5680	<0.05	10.8		hydrocarbon odor	Cardinal	H236287
CS-06.1	11/16/2023		5.75	6.25	240	2764	<2774	<0.05	4.4		hydrocarbon odor	Cardinal	H236287
CS-06.1	11/16/2023		6.25	10	NS	NS	NS	NS	NS		hydrocarbon odor		
CS-06.1	11/16/2023		10.25	12.25	NS	NS	NS	NS	NS		slight hydrocarbon odor		
CS-06.1	11/16/2023		12.25	14.25	NS	NS	NS	NS	NS		no hydrocarbon odor		
CS-06.1	11/16/2023	14			448	<20	<30	<0.05	<0.3	Vertical Delineation		Cardinal	H236287
Notes:													
Exceed Closure Criteria for on-site use													
+1 represents one-foot above production pad surface. I.E. tank battery ground surface is one-foot above production pad surface.													
NS = Not Sampled													

Appendix A

Communications



McNabb Partners, LLC
Hobbs • Carlsbad • Midland

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2326344306
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Kaiser-Francis Oil Company	OGRID: 12361
Contact Name: Hutton Andrew	Contact Telephone: 918-491-4615
Contact email: Huttona@kfoc.net	Incident # (assigned by OCD) nAPP2326344306
Contact mailing address: PO Box 21468 Tulsa, OK 74121-146	

Location of Release Source

Latitude 32.2483309 _____ Longitude -103.5115732 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Bell Lake Unit #4 1	Site Type Tank Battery
Date Release Discovered 09/16/2023	API# (if applicable) 30-025-08491

Unit Letter	Section	Township	Range	County
F	6	24S	34E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 4.4	Volume Recovered (bbls) 3.6
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 17.4	Volume Recovered (bbls) 14.4
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Failure of solenoid on gas line to tank battery causing south tank to overflow into tank battery containment.

Incident ID	nAPP2326344306
District RP	
Facility ID	
Application ID	

<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Hutton Andrew</u>	Title: <u>EHS Lead</u>
Signature: _____	Date: _____
email: <u>huttona@kfoc.net</u>	Telephone: <u>918-491-4615</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Spill Dimensions to Volume of Release			
Input	volume of affected soil	[feet^3]	971.50
Input	Porosity: typically is .35 to .40 for most soils	[-]	0.35
Input	Proportion of porosity filled with release fluid [0,1]	[-]	0.36
Output	volume of fluid	[feet^3]	122.4
		[gal]	915.7
		Barrels	21.8

From GIS	
Sq. Ft	1943
Depth (ft)	0.5
Cu. Ft	971.5

Total Release Volume	Barrels	21.8
Produced Water (80%)	Barrels	17.4
Crude Oil (20%)	Barrels	4.4

Total Recovered Volume	Barrels	18.0
Produced Water (80%)	Barrels	14.4
Crude Oil (20%)	Barrels	3.6

Laura Parker

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, November 13, 2023 9:15 AM
To: Andrew Parker; 'spills@slo.state.nm.us'
Cc: Hutton Andrew; EHSDB; Laura Parker; Chris Turner; Velez, Nelson, EMNRD; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] 2-Day Sampling Notice nAPP2326344306 Bell Lake Unit #4 1

Good morning Andrew,

The OCD has received your notification. 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.

Thank you,

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: Andrew Parker <andrew@mcnabbpartners.com>
Sent: Friday, November 10, 2023 6:09 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; 'spills@slo.state.nm.us' <spills@slo.state.nm.us>
Cc: Hutton Andrew <Huttona@kfoc.net>; EHSDB <EHSDB@kfoc.net>; Laura Parker <laura@mcnabbpartners.com>; Chris Turner <chris@mcnabbpartners.com>
Subject: [EXTERNAL] 2-Day Sampling Notice nAPP2326344306 Bell Lake Unit #4 1

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

NMOCD/SLO:

Please accept this email as the 2-day confirmation sampling notice per 19.15.29 NMAC for Incident # nAPP2326344306. We will continue conducting the horizontal and vertical delineations. Soil sampling will begin on Thursday November 16th.

Thank you,

Andrew Parker
Environmental Manager
McNabb Partners
c: (970) 570-9535



From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Sent: Thursday, September 21, 2023 4:18 PM
To: Andrew Parker <andrew@mcnabbpartners.com>; 'spills@slo.state.nm.us' <spills@slo.state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Hutton Andrew <Huttona@kfoc.net>; EHSDB <EHSDB@kfoc.net>
Subject: RE: [EXTERNAL] 48 Hour Sampling Notice nAPP2326344306 Bell Lake Unit #4 1

The OCD has received your notification. 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.

Scott Rodgers • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
<http://www.emnrd.nm.gov/oed>



From: Andrew Parker <andrew@mcnabbpartners.com>
Sent: Thursday, September 21, 2023 3:28 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; 'spills@slo.state.nm.us' <spills@slo.state.nm.us>
Cc: Hutton Andrew <Huttona@kfoc.net>; EHSDB <EHSDB@kfoc.net>
Subject: [EXTERNAL] 48 Hour Sampling Notice nAPP2326344306 Bell Lake Unit #4 1

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

NMOCD/SLO:

Please accept this email as the 48-hour sampling notice for Incident Number nAPP2326344306 for the release at Bell Lake Unit #4 1. Characterization sampling is scheduled for Wednesday September 27. Characterization samples may be used for closure confirmation samples.

Please contact me with any questions.

Andrew Parker
Environmental Manager
McNabb Partners
c: (970) 570-9535



From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Thursday, September 21, 2023 12:26 PM

To: Hutton Andrew <Huttona@kfoc.net>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 267607

To whom it may concern (c/o Hutton Andrew for KAISER-FRANCIS OIL CO),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2326344306, with the following conditions:

- None

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,

Scott Rodgers

Environmental Specialist – A

505-469-1830

scott.rodgers@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

From: [Velez, Nelson, EMNRD](#)
To: [Andrew Parker](#)
Cc: [EHSDB@kfoc.net](#); [RamonR@kfoc.net](#); [Hutton Andrew](#); [Bratcher, Michael, EMNRD](#)
Subject: Re: [EXTERNAL] napp2326344306 Bell Lake #4 1 Extension Request
Date: Tuesday, December 19, 2023 11:24:31 AM
Attachments: [image.png](#)
[Outlook-kvpdwwah.png](#)

Good afternoon Andrew,

Your 60-day time extension request is approved. Remediation Due date has been updated to February 13, 2024.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



Previous email submittal:

From: Andrew Parker <andrew@mcnabbpartners.com>
Sent: Friday, December 15, 2023 8:22 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: EHSDB <EHSDB@kfoc.net>; Hutton Andrew <Huttona@kfoc.net>; Ramon Rodriguez <RamonR@kfoc.net>
Subject: [EXTERNAL] napp2326344306 Bell Lake #4 1 Extension Request

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

NMOCD:

On the behalf of Kaiser-Francis Oil Company, McNabb Partners respectfully asks NMOCD for a 60-day extension for Incident # nAPP2326344306 for the submission of the Characterization Report and Remediation Plan. Soil sampling for horizontal delineation along the north and east edges of the release extent exhibit chloride concentrations >600 mg/kg on the active production pad in-use for oil and gas operations. Vertical delineation within the release extend was completed during the November 2023 sampling event. Horizontal delineation sampling will require off-site surface disturbance. Per State Land Office (surface owner) requirements, an ARMS Review or cultural survey is required for any new surface disturbance. We will begin the ARMS Review immediately.

The Characterization and Remediation Plan will be submitted no later than 02/13/2024.

Thank you,

Andrew Parker
Environmental Manager
McNabb Partners
c: (970) 570-9535



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, December 15, 2023 9:21 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] napp2326344306 Bell Lake #4 1 Extension Request

From: Andrew Parker <andrew@mcnabbpartners.com>
Sent: Friday, December 15, 2023 8:22 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: EHSDb <EHSDb@kfoc.net>; Hutton Andrew <Huttona@kfoc.net>; Ramon Rodriguez <RamonR@kfoc.net>
Subject: [EXTERNAL] napp2326344306 Bell Lake #4 1 Extension Request

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

NMOCD:

On the behalf of Kaiser-Francis Oil Company, McNabb Partners respectfully asks NMOCD for a 60-day extension for Incident # nAPP2326344306 for the submission of the Characterization Report and Remediation Plan. Soil sampling for horizontal delineation along the north and east edges of the release extent exhibit chloride concentrations >600 mg/kg on the active production pad in-use for oil and gas operations. Vertical delineation within the release extend was completed during the November 2023 sampling event. Horizontal delineation sampling will require off-site surface disturbance. Per State Land Office (surface owner) requirements, an ARMS Review or cultural survey is required for any new surface disturbance. We will begin the ARMS Review immediately.

The Characterization and Remediation Plan will be submitted no later than 02/13/2024.

Thank you,

Andrew Parker
Environmental Manager
McNabb Partners
c: (970) 570-9535



Andrew Parker

From: Hutton Andrew <Huttona@kfoc.net>
Sent: Thursday, December 21, 2023 11:19 AM
To: Andrew Parker
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 297022

Hutton Andrew
EHS Lead
Kaiser-Francis Oil Company
C: 580.307.7363
O: 918.491.4615

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, December 21, 2023 12:17 PM
To: Hutton Andrew <Huttona@kfoc.net>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 297022

To whom it may concern (c/o Hutton Andrew for KAISER-FRANCIS OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2326344306.

The sampling event is expected to take place:

When: 12/27/2023 @ 09:00
Where: F-06-24S-34E 1980 FNL 1980 FWL (32.2484093,-103.5110703)

Additional Information: Christopher Turner 575-441-0080

Additional Instructions: NA

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **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.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

Appendix B

Borehole and Well Logs



McNabb Partners, LLC
Hobbs • Carlsbad • Midland



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) MW-17 POD 1 GHD 71		OSE FILE NUMBER(S) C-4014					
	WELL OWNER NAME(S) GHD SERVICES ON BEHALF OF ENERGY TRANSFER COMPANY		PHONE (OPTIONAL) 505-884-0672					
	WELL OWNER MAILING ADDRESS 6121 INDIAN SCHOOL ROAD, NE, SUITE 200		CITY ALBUQUERQUE	STATE NM	ZIP 87110			
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32 LONGITUDE -103	MINUTES 14 30	SECONDS 44.6 57.3	N W * ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD 1186		NAME OF LICENSED DRILLER RODNEY HAMMER		NAME OF WELL DRILLING COMPANY ENVIRO-DRILL, INC.			
	DRILLING STARTED 02/13/17	DRILLING ENDED 02/17/17	DEPTH OF COMPLETED WELL (FT) 91.5	BORE HOLE DEPTH (FT) 91.5	DEPTH WATER FIRST ENCOUNTERED (FT) 83			
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 81			
	DRILLING FLUID: <input type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input checked="" type="radio"/> OTHER - SPECIFY: HSA							
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	91.5	76.5	8	SCREEN	FTJ	2	SCH 40	OLD
	76.5	Ø	8	RISER	FTJ	2	SCH 40	NEW
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	91.5	74.5	8	10.20 SILICA SAND	16	TREMIE		
	74.5	71.5	8	3/8 BENT CHIPS	2	11		
	71.5	Ø	8	CEMENT/BENT SILICA	155 gal.	11		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER C-4014	POD NUMBER 1	TRN NUMBER 600875
LOCATION Mon. 245.34E. 6.311		PAGE 1 OF 2

1000

PAGE 2 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) MW-18 POD 2		GHD 71		OSE FILE NUMBER(S) C-4014		
	WELL OWNER NAME(S) GHD SERVICES ON BEHALF OF ENERGY TRANSFER COMPANY				PHONE (OPTIONAL) 505-884-0672		
	WELL OWNER MAILING ADDRESS 6121 INDIAN SCHOOL ROAD, NE, SUITE 200				CITY ALBUQUERQUE	STATE NM	
					ZIP 87110		
2. DRILLING & CASING INFORMATION	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 14	SECONDS 53.71	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE -103	31	1008 3.10	W	* DATUM REQUIRED: WGS 84	
	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE						
3. ANNULAR MATERIAL	LICENSE NUMBER WD 1186		NAME OF LICENSED DRILLER RODNEY HAMMER		NAME OF WELL DRILLING COMPANY ENVIRO-DRILL, INC.		
	DRILLING STARTED 02/13/17		DRILLING ENDED 02/17/17		DEPTH OF COMPLETED WELL (FT) 95.5	BORE HOLE DEPTH (FT) 95.5	
					DEPTH WATER FIRST ENCOUNTERED (FT) 85.0		
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)		STATIC WATER LEVEL IN COMPLETED WELL (FT) 81.0				
	DRILLING FLUID: <input type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input checked="" type="radio"/> OTHER - SPECIFY: HSA						
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
	FROM	TO					
	95.5	80.5	8	SCREEN	FTJ	2	SCH 40
	80.5	0	8	SCREEN	FTJ	2	SCH 40
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
	FROM	TO					
	95.5	77.5	8	10.20 SILICA SAND	15	TRIMMIE	
	77.5	73.5	8	3/8 BENT CHIPS	2		
		8	BENT CEMENT SLOOPY	165 gal.	11		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER C-4014	POD NUMBER 2	TRN NUMBER 600875
LOCATION Mon	245.33E.1.244	
		PAGE 1 OF 2

[illegible]PAGE 2 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) MW 19 POD 3				GHD 71				OSE FILE NUMBER(S) C-4014					
	WELL OWNER NAME(S) GHD SERVICES ON BEHALF OF ENERGY TRANSFER COMPANY								PHONE (OPTIONAL) 505-884-0672					
	WELL OWNER MAILING ADDRESS 6121 INDIAN SCHOOL ROAD, NE, SUITE 200								CITY ALBUQUERQUE		STATE NM		ZIP 87110	
	WELL LOCATION (FROM GPS)		DEGREES LATITUDE 32		MINUTES 14		SECONDS 56.742		N		* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE -103		31		9.109		W		* DATUM REQUIRED: WGS 84				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE														
2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD 1186		NAME OF LICENSED DRILLER RODNEY HAMMER				NAME OF WELL DRILLING COMPANY ENVIRO-DRILL, INC.							
	DRILLING STARTED 02/13/17		DRILLING ENDED 02/17/17		DEPTH OF COMPLETED WELL (FT) 95.5		BORE HOLE DEPTH (FT) 95.5		DEPTH WATER FIRST ENCOUNTERED (FT) 91					
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)								STATIC WATER LEVEL IN COMPLETED WELL (FT) 87					
	DRILLING FLUID: <input type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:													
	DRILLING METHOD: <input type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input checked="" type="radio"/> OTHER - SPECIFY: HSA													
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)		CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		CASING CONNECTION TYPE		CASING INSIDE DIAM. (inches)		CASING WALL THICKNESS (inches)		SLOT SIZE (inches)	
	FROM TO													
	95.5 80.5		8		SCREEN		FTJ		2		SCH 40		.90	
	80.5 0		8		RISER		FTJ		2		SCH 40			
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)		LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL				AMOUNT (cubic feet)		METHOD OF PLACEMENT			
	FROM TO													
	95.5 77.4		8		10.20 SILICA SAND				15		TREMME			
	77.4 73.5		8		3/8" BENT CHIPS				2		TREMME			
	73.5 0		8		CEMENT/BENT SLURRY				16.5 gal.		TREMME			


FOR USE INTERNAL USE




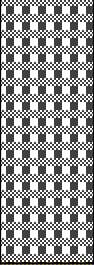


WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	C-4014	POD NUMBER	3	TRN NUMBER	600875
LOCATION	Mon	245.33E.1.242			PAGE 1 OF 2

[illegible]PAGE 2 OF 2

Logger:		Andrew Parker	Client:		Kaiser-Francis Oil Company			Borehole ID: CS-03.1.1	
Driller:		Earth Workx	Project Name:		Bell Lake #4 1				
Drilling Method:		Direct Push	Location:		32.2481821, -103.5115590 (WGS 84)				
Start Date:		11/16/2023	End Date:		11/16/2023				

Logger:		Andrew Parker		Client:			Kaiser-Francis Oil Company		Borehole ID:		
Driller:		Earth Workx		Project Name:						CS-05	
Drilling Method:		Direct Push		Bell Lake #4 1							
Start Date:		11/16/2023		Location:							
End Date:		11/16/2023		32.2484631, -103.5115457 (WGS 84)							
Depth (feet)	Description	Lithology	Comments	EC (mS/cm)	CI (mg/kg)	TPH Ext. (mg/kg)	Borehole Completion		Depth (feet)		
+1.0	(+1 to +0.5 ft)		Clear condensate observed.	0.24	224	6997	3/8" Bentonite Hole Plug.		+1.0		
+0.5	Tan tank battery base material.		Hydrocarbon odor.						+0.5		
0.0	(+0.5 to 1 ft; natural grade at 0-ft)		Hydrocarbon impact and odor.	0.26	272	9774			0.0		
1.0	(1 to 2 ft)		Degraded hydrocarbons.						1.0		
2.0	Caliche; Light Grey; Dry		Hydrocarbon odor.	0.19	256	<5160			2.0		
3.0	(2 to 10 ft)		Sweet hydrocarbon odor						3.0		
4.0									4.0		
5.0									5.0		
6.0									6.0		
7.0									7.0		
8.0									8.0		
9.0	9.0										
10.0	(10 to 11 ft)		Slight hydrocarbon odor.	352		1927			10.0		
11.0	Caliche; Medium-low density; Brown, Red; Dry.		Slight hydrocarbon odor.						11.0		
12.0	(11 to 13 ft)			Slight hydrocarbon odor.							12.0
13.0	(13 to 14 ft)				Slight hydrocarbon odor.	128			<30	13.0	
14.0	Silty Sand; Light brown, red; Dry			No hydrocarbon odor.							14.0
15.0	(14 to 16.75 ft)				TD = 16.75 ft.						15.0
16.0	Silty Sand; Light brown, red; Dry					352			<30	16.0	
17.0											17.0
18.0						18.0					
19.0						19.0					
20.0						20.0					
21.0						21.0					
22.0						22.0					
23.0						23.0					
24.0						24.0					
25.0						25.0					
26.0						26.0					
27.0						27.0					
28.0						28.0					
29.0						29.0					
30.0						30.0					
31.0						31.0					
32.0						32.0					
33.0						33.0					
34.0						34.0					
35.0						35.0					
36.0						36.0					
37.0						37.0					
38.0						38.0					
 McNabb Partners 5014 W Carlsbad Hwy Hobbs, NM 88240			Lithologic Log						CS-05		
			Bell Lake #4 1				Nov. 2023				

Logger:		Andrew Parker		Client:			Borehole ID:										
Driller:		Earth Workx		Kaiser-Francis Oil Company			CS-06.1										
Drilling Method:		Direct Push		Project Name:													
Start Date:		11/16/2023		Bell Lake #4 1													
End Date:		11/16/2023		Location:													
				32.2483280, -103.5115994 (WGS 84)													
Depth (feet)	Description	Lithology	Comments	EC (mS/cm)	Cl (mg/kg)	TPH Ext. (mg/kg)	Borehole Completion		Depth (feet)								
+1	(+1 to +0.75 ft) Tan tank battery base material.		Clear condensate observed. Hydrocarbon odor.	0.22	400	9921	 3/8" Bentonite Hole Plug.		+1								
+0.75	(+0.75 to 1 ft; natural grade at 0-ft)		Strong hydrocarbon odor.									+0.75					
0.0	Silty sand; Dark brown, black.			0.16	288	11052						0.0					
1.0												1.0					
2.0	(1 to 2 ft) Caliche; Med. Grey; Dry. Degraded hydrocarbons.		Hydrocarbon odor.	0.27	144	<4971						2.0					
3.0	(2 to 10 ft) Caliche; Med-low Density; Tan; Dry.		Hydrocarbon odor. No visual signs of hydrocarbons.	0.3	384	<5680						3.0					
4.0				0.29	240	<2774						4.0					
5.0													5.0				
6.0													6.0				
7.0			7.0														
8.0			8.0														
9.0			9.0														
10.0			10.0														
11.0	(11 to 12 ft) Caliche, Silty Sand; Light brown; Dry.		Slight hydrocarbon odor.	0.36	448	<30						11.0					
12.0	(12 to 14.25 ft)		No hydrocarbon odor. TD 14.24 ft.									12.0					
13.0	Caliche, Silty Sand; Light Brown; Dry.											13.0					
14.0		14.0															
15.0												15.0					
16.0												16.0					
17.0												17.0					
18.0												18.0					
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41.0												41.0					
42.0												42.0					
43.0												43.0					
44.0												44.0					
45.0												45.0					
46.0												46.0					
47.0												47.0					
48.0												48.0					
49.0												49.0					
50.0												50.0					
51.0												51.0					
52.0												52.0					
53.0												53.0					
 McNabb Partners 5014 W Carlsbad Hwy Hobbs, NM 88240			Lithologic Log									CS-06.1					
			Bell Lake #4 1									Nov. 2023					

Appendix C

Certificates of Analysis



McNabb Partners, LLC
Hobbs • Carlsbad • Midland

Report to:

Andrew Parker



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

McNabb Partners

Project Name: 20230916-0830-Bell Lake 4

Work Order: E309232

Job Number: 23083-0001

Received: 9/29/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/5/23

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/5/23

Andrew Parker
4008 N Grimes #270
Hobbs, NM 88240



Project Name: 20230916-0830-Bell Lake 4
Workorder: E309232
Date Received: 9/29/2023 9:00:00AM

Andrew Parker,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/29/2023 9:00:00AM, under the Project Name: 20230916-0830-Bell Lake 4.

The analytical test results summarized in this report with the Project Name: 20230916-0830-Bell Lake 4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
CS-01 0-1.75FT	5
CS-02 0-1.25FT	6
CS-02 1.25FT	7
CS-03 +1.0-2FT	8
CS-03 2.25FT	9
CS-04 0-1.25FT	10
CS-04 1.25FT	11
QC Summary Data	12
QC - Volatile Organics by EPA 8021B	12
QC - Nonhalogenated Organics by EPA 8015D - GRO	13
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	14
QC - Anions by EPA 300.0/9056A	15
Definitions and Notes	16
Chain of Custody etc.	17

Sample Summary

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported: 10/05/23 16:41
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-01 0-1.75FT	E309232-01A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-02 0-1.25FT	E309232-02A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-02 1.25FT	E309232-03A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-03 +1.0-2FT	E309232-04A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-03 2.25FT	E309232-05A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-04 0-1.25FT	E309232-06A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-04 1.25FT	E309232-07A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.



Sample Data

McNabb Partners
4008 N Grimes #270
Hobbs NM, 88240

Project Name: 20230916-0830-Bell Lake 4
Project Number: 23083-0001
Project Manager: Andrew Parker

Reported:
10/5/2023 4:41:43PM

CS-01 0-1.75FT

E309232-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/02/23	
Toluene	ND	0.0250	1	09/30/23	10/02/23	
o-Xylene	ND	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/02/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2340048	
Diesel Range Organics (C10-C28)	97.5	50.0	2	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	100	2	10/03/23	10/05/23	
<i>Surrogate: n-Nonane</i>						
	93.2 %	50-200		10/03/23	10/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2340008	
Chloride	ND	200	10	10/02/23	10/04/23	



Sample Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported: 10/5/2023 4:41:43PM
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	

CS-02 0-1.25FT
E309232-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/02/23	
Toluene	ND	0.0250	1	09/30/23	10/02/23	
o-Xylene	ND	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/02/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/02/23	
Surrogate: 4-Bromochlorobenzene-PID	93.6 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.4 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2340048	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane	98.0 %	50-200		10/03/23	10/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2340008	
Chloride	649	20.0	1	10/02/23	10/04/23	



Sample Data

McNabb Partners 4008 N Grimes #270 Hobbs NM, 88240	Project Name: 20230916-0830-Bell Lake 4 Project Number: 23083-0001 Project Manager: Andrew Parker	Reported: 10/5/2023 4:41:43PM
--	---	----------------------------------

CS-02 1.25FT
E309232-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/02/23	
Toluene	ND	0.0250	1	09/30/23	10/02/23	
o-Xylene	ND	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/02/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/02/23	
Surrogate: 4-Bromochlorobenzene-PID	95.2 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.0 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2340048	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane	103 %	50-200		10/03/23	10/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2340008	
Chloride	732	20.0	1	10/02/23	10/04/23	



Sample Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported: 10/5/2023 4:41:43PM
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	

CS-03 +1.0-2FT
E309232-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	8.23	0.250	10	09/30/23	10/04/23	
Ethylbenzene	12.6	0.250	10	09/30/23	10/04/23	
Toluene	67.3	0.250	10	09/30/23	10/04/23	
o-Xylene	26.9	0.250	10	09/30/23	10/04/23	
p,m-Xylene	89.0	0.500	10	09/30/23	10/04/23	
Total Xylenes	116	0.250	10	09/30/23	10/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		09/30/23	10/04/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	1350	200	10	09/30/23	10/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	114 %	70-130		09/30/23	10/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2340048	
Diesel Range Organics (C10-C28)	20200	1250	50	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
<i>Surrogate: n-Nonane</i>						
	1230 %	50-200		10/03/23	10/05/23	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2340008	
Chloride	29.8	20.0	1	10/02/23	10/04/23	



Sample Data

McNabb Partners
4008 N Grimes #270
Hobbs NM, 88240

Project Name: 20230916-0830-Bell Lake 4
Project Number: 23083-0001
Project Manager: Andrew Parker

Reported:
10/5/2023 4:41:43PM

CS-03 2.25FT

E309232-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2339122
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/02/23	
Toluene	ND	0.0250	1	09/30/23	10/02/23	
o-Xylene	ND	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/02/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2339122
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340048
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
<i>Surrogate: n-Nonane</i>						
	96.0 %	50-200		10/03/23	10/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2340008
Chloride	546	20.0	1	10/02/23	10/04/23	



Sample Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported: 10/5/2023 4:41:43PM
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	

CS-04 0-1.25FT
E309232-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/02/23	
Toluene	ND	0.0250	1	09/30/23	10/02/23	
o-Xylene	ND	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/02/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/02/23	
Surrogate: 4-Bromochlorobenzene-PID	93.6 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.6 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2340048	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane	98.0 %	50-200		10/03/23	10/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2340008	
Chloride	357	20.0	1	10/02/23	10/04/23	



Sample Data

McNabb Partners 4008 N Grimes #270 Hobbs NM, 88240	Project Name: 20230916-0830-Bell Lake 4 Project Number: 23083-0001 Project Manager: Andrew Parker	Reported: 10/5/2023 4:41:43PM
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CS-04 1.25FT
E309232-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/02/23	
Toluene	0.0372	0.0250	1	09/30/23	10/02/23	
o-Xylene	ND	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/02/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2340048	
Diesel Range Organics (C10-C28)	172	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	266	50.0	1	10/03/23	10/05/23	
<i>Surrogate: n-Nonane</i>						
	88.8 %	50-200		10/03/23	10/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2340008	
Chloride	702	20.0	1	10/02/23	10/04/23	



McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported:
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	10/5/2023 4:41:43PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2339122-BLK1)Prepared: 09/30/23 Analyzed: 10/02/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

LCS (2339122-BS1)Prepared: 09/30/23 Analyzed: 10/02/23

Benzene	4.60	0.0250	5.00		92.1	70-130			
Ethylbenzene	4.56	0.0250	5.00		91.1	70-130			
Toluene	4.61	0.0250	5.00		92.2	70-130			
o-Xylene	4.59	0.0250	5.00		91.7	70-130			
p,m-Xylene	9.31	0.0500	10.0		93.1	70-130			
Total Xylenes	13.9	0.0250	15.0		92.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			

Matrix Spike (2339122-MS1)Source: E309232-02Prepared: 09/30/23 Analyzed: 10/02/23

Benzene	4.88	0.0250	5.00	ND	97.6	54-133			
Ethylbenzene	4.83	0.0250	5.00	ND	96.6	61-133			
Toluene	4.87	0.0250	5.00	ND	97.4	61-130			
o-Xylene	4.83	0.0250	5.00	ND	96.6	63-131			
p,m-Xylene	9.85	0.0500	10.0	ND	98.5	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.7	70-130			

Matrix Spike Dup (2339122-MSD1)Source: E309232-02Prepared: 09/30/23 Analyzed: 10/02/23

Benzene	4.95	0.0250	5.00	ND	99.0	54-133	1.47	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	61-133	1.57	20	
Toluene	4.95	0.0250	5.00	ND	98.9	61-130	1.55	20	
o-Xylene	4.91	0.0250	5.00	ND	98.1	63-131	1.55	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	1.47	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.4	63-131	1.50	20	
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

QC Summary Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported:
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	10/5/2023 4:41:43PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2339122-BLK1) Prepared: 09/30/23 Analyzed: 10/02/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			

LCS (2339122-BS2) Prepared: 09/30/23 Analyzed: 10/02/23

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.8	70-130			

Matrix Spike (2339122-MS2) Source: E309232-02 Prepared: 09/30/23 Analyzed: 10/02/23

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.6	70-130			

Matrix Spike Dup (2339122-MSD2) Source: E309232-02 Prepared: 09/30/23 Analyzed: 10/02/23

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130	0.724	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.8	70-130			



QC Summary Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported:
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	10/5/2023 4:41:43PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2340048-BLK1)					Prepared: 10/03/23 Analyzed: 10/05/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.1		50.0		98.2	50-200			

LCS (2340048-BS1)					Prepared: 10/03/23 Analyzed: 10/05/23				
Diesel Range Organics (C10-C28)	240	25.0	250		95.8	38-132			
Surrogate: n-Nonane	48.9		50.0		97.9	50-200			

Matrix Spike (2340048-MS1)					Source: E309232-06		Prepared: 10/03/23 Analyzed: 10/05/23		
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132			
Surrogate: n-Nonane	48.6		50.0		97.3	50-200			

Matrix Spike Dup (2340048-MSD1)					Source: E309232-06		Prepared: 10/03/23 Analyzed: 10/05/23		
Diesel Range Organics (C10-C28)	305	25.0	250	ND	122	38-132	9.76	20	
Surrogate: n-Nonane	49.6		50.0		99.1	50-200			



QC Summary Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported:
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	10/5/2023 4:41:43PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2340008-BLK1)					Prepared: 10/02/23 Analyzed: 10/03/23				
Chloride	ND	20.0							
LCS (2340008-BS1)					Prepared: 10/02/23 Analyzed: 10/03/23				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2340008-MS1)					Source: E309229-01		Prepared: 10/02/23 Analyzed: 10/03/23		
Chloride	309	20.0	250	55.8	101	80-120			
Matrix Spike Dup (2340008-MSD1)					Source: E309229-01		Prepared: 10/02/23 Analyzed: 10/03/23		
Chloride	314	20.0	250	55.8	103	80-120	1.45	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	
4008 N Grimes #270	Project Number:	23083-0001	Reported:
Hobbs NM, 88240	Project Manager:	Andrew Parker	10/05/23 16:41

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 1

Client: McNabb Partners				Bill To				Lab Use Only				TAT				EPA Program			
Project: 20230916 - C830 - Bell Lake 4				Attention: McNabb Partners				Lab WO# E309232				Job Number 23083-0001				1D 2D 3D Standard			
Project Manager: Andrew Parker				Address: 4008 N. Grimes, PMB 270												CWA SDWA			
Address:				City, State, Zip Hobbs, NM 88240				Analysis and Method								RCRA			
City, State, Zip				Phone: 575-397-0050												State			
Phone: 970-570-9535				Email: kim@mcnabbpartners.com												NM CO UT AZ TX			
Email: andrew@mcnabbpartners.com																Remarks			
Report due by:																			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	TCEQ 1005-TX	1D	2D	3D	Standard	Remarks
09:35	9/27	S	1	CS-01 0 - 1.75 FT	1							X						
10:40			1	CS-02 0 - 1.25 FT	2													
10:36			1	CS-02 1.25 FT	3													
13:43				CS-03 +1.0 - 2 FT	4													
13:53				CS-03 2.25 FT	5													
10:10			1	CS-04 0 - 1.25 FT	6													
10:05			1	CS-04 1.25 FT	7													

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: **Andrew Parker**

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
<i>Andrew Parker</i>	9/28	07:15	<i>Michelle Gumpel</i>	9-28-23	1045	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gumpel</i>	9-28-23	1515	<i>Kenneth Gumpel</i>	9-28-23	1515	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Kenneth Gumpel</i>	9-28-23	2111	<i>Andrew Parker</i>	9-29-23	900	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.


envirotech

Envirotech Analytical Laboratory

Printed: 9/30/2023 10:58:11AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	McNabb Partners	Date Received:	09/29/23 09:00	Work Order ID:	E309232
Phone:	(970) 570-9535	Date Logged In:	09/29/23 12:37	Logged In By:	Alexa Michaels
Email:	andrew@mcnabbpartners.com	Due Date:	10/05/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Andrew ParkerComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:

Andrew Parker



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

McNabb Partners

Project Name: 20230916-0830-Bell Lake 4

Work Order: E309233

Job Number: 23083-0001

Received: 9/29/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/5/23

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/5/23



Andrew Parker
4008 N Grimes #270
Hobbs, NM 88240

Project Name: 20230916-0830-Bell Lake 4
Workorder: E309233
Date Received: 9/29/2023 9:00:00AM

Andrew Parker,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/29/2023 9:00:00AM, under the Project Name: 20230916-0830-Bell Lake 4.

The analytical test results summarized in this report with the Project Name: 20230916-0830-Bell Lake 4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
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labadmin@envirotech-inc.com

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Rayny Hagan
Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
CS-03.1 0-2FT	5
CS-03.1 2.75FT	6
CS-03.2 0-2FT	7
CS-03.2 2.25FT	8
CS-03.3 0-1.6FT	9
CS-03.3 1.6FT	10
CS-03.4 0-1.75FT	11
CS-03.4 1.75FT	12
QC Summary Data	13
QC - Volatile Organics by EPA 8021B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc.	18

Sample Summary

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported: 10/05/23 13:36
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-03.1 0-2FT	E309233-01A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-03.1 2.75FT	E309233-02A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-03.2 0-2FT	E309233-03A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-03.2 2.25FT	E309233-04A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-03.3 0-1.6FT	E309233-05A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-03.3 1.6FT	E309233-06A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-03.4 0-1.75FT	E309233-07A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.
CS-03.4 1.75FT	E309233-08A	Soil	09/27/23	09/29/23	Glass Jar, 2 oz.



Sample Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported: 10/5/2023 1:36:49PM
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	

CS-03.1 0-2FT
E309233-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/02/23	
Toluene	ND	0.0250	1	09/30/23	10/02/23	
o-Xylene	ND	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/02/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/02/23	
Surrogate: 4-Bromochlorobenzene-PID	95.8 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.9 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2340003	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/23	10/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/23	10/02/23	
Surrogate: n-Nonane	91.0 %	50-200		10/02/23	10/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2340007	
Chloride	275	20.0	1	10/02/23	10/02/23	



Sample Data

McNabb Partners
4008 N Grimes #270
Hobbs NM, 88240

Project Name: 20230916-0830-Bell Lake 4
Project Number: 23083-0001
Project Manager: Andrew Parker

Reported:
10/5/2023 1:36:49PM

CS-03.1 2.75FT

E309233-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/02/23	
Toluene	ND	0.0250	1	09/30/23	10/02/23	
o-Xylene	ND	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/02/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2340003	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/23	10/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/23	10/02/23	
<i>Surrogate: n-Nonane</i>						
	88.9 %	50-200		10/02/23	10/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2340007	
Chloride	660	20.0	1	10/02/23	10/02/23	



Sample Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported: 10/5/2023 1:36:49PM
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	

CS-03.2 0-2FT
E309233-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/02/23	
Toluene	ND	0.0250	1	09/30/23	10/02/23	
o-Xylene	ND	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/02/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2340003	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/23	10/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/23	10/03/23	
<i>Surrogate: n-Nonane</i>						
	94.5 %	50-200		10/02/23	10/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2340007	
Chloride	183	20.0	1	10/02/23	10/02/23	



Sample Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported: 10/5/2023 1:36:49PM
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	

CS-03.2 2.25FT
E309233-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	11.1	0.250	10	09/30/23	10/04/23	
Ethylbenzene	10.9	0.250	10	09/30/23	10/04/23	
Toluene	69.1	0.250	10	09/30/23	10/04/23	
o-Xylene	24.7	0.250	10	09/30/23	10/04/23	
p,m-Xylene	75.0	0.500	10	09/30/23	10/04/23	
Total Xylenes	99.7	0.250	10	09/30/23	10/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		09/30/23	10/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	975	200	10	09/30/23	10/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		09/30/23	10/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2340003	
Diesel Range Organics (C10-C28)	20200	500	20	10/02/23	10/03/23	
Oil Range Organics (C28-C36)	ND	1000	20	10/02/23	10/03/23	
<i>Surrogate: n-Nonane</i>						
	1390 %	50-200		10/02/23	10/03/23	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2340007	
Chloride	195	20.0	1	10/02/23	10/02/23	



Sample Data

McNabb Partners
4008 N Grimes #270
Hobbs NM, 88240

Project Name: 20230916-0830-Bell Lake 4
Project Number: 23083-0001
Project Manager: Andrew Parker

Reported:
10/5/2023 1:36:49PM

CS-03.3 0-1.6FT

E309233-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/02/23	
Toluene	ND	0.0250	1	09/30/23	10/02/23	
o-Xylene	ND	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/02/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2340003	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/23	10/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/23	10/03/23	
<i>Surrogate: n-Nonane</i>						
	89.9 %	50-200		10/02/23	10/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2340007	
Chloride	360	20.0	1	10/02/23	10/02/23	



Sample Data

McNabb Partners
4008 N Grimes #270
Hobbs NM, 88240

Project Name: 20230916-0830-Bell Lake 4
Project Number: 23083-0001
Project Manager: Andrew Parker

Reported:
10/5/2023 1:36:49PM

CS-03.3 1.6FT

E309233-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/02/23	
Toluene	ND	0.0250	1	09/30/23	10/02/23	
o-Xylene	ND	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/02/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2340003	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/23	10/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/23	10/03/23	
<i>Surrogate: n-Nonane</i>						
	97.4 %	50-200		10/02/23	10/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2340007	
Chloride	804	20.0	1	10/02/23	10/02/23	



Sample Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported: 10/5/2023 1:36:49PM
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	

CS-03.4 0-1.75FT
E309233-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/02/23	
Ethylbenzene	0.140	0.0250	1	09/30/23	10/02/23	
Toluene	0.0810	0.0250	1	09/30/23	10/02/23	
o-Xylene	0.522	0.0250	1	09/30/23	10/02/23	
p,m-Xylene	1.39	0.0500	1	09/30/23	10/02/23	
Total Xylenes	1.92	0.0250	1	09/30/23	10/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	34.5	20.0	1	09/30/23	10/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	09/30/23	10/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2340003	
Diesel Range Organics (C10-C28)	362	25.0	1	10/02/23	10/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/23	10/03/23	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	10/02/23	10/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2340007	
Chloride	41.3	20.0	1	10/02/23	10/02/23	



Sample Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported: 10/5/2023 1:36:49PM
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	

CS-03.4 1.75FT
E309233-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Benzene	ND	0.0250	1	09/30/23	10/03/23	
Ethylbenzene	ND	0.0250	1	09/30/23	10/03/23	
Toluene	ND	0.0250	1	09/30/23	10/03/23	
o-Xylene	ND	0.0250	1	09/30/23	10/03/23	
p,m-Xylene	ND	0.0500	1	09/30/23	10/03/23	
Total Xylenes	ND	0.0250	1	09/30/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID	96.2 %	70-130		09/30/23	10/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.0 %	70-130		09/30/23	10/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2340003	
Diesel Range Organics (C10-C28)	143	25.0	1	10/02/23	10/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/23	10/03/23	
Surrogate: n-Nonane	96.3 %	50-200		10/02/23	10/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2340007	
Chloride	335	20.0	1	10/02/23	10/02/23	



QC Summary Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported:
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	10/5/2023 1:36:49PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2339122-BLK1) Prepared: 09/30/23 Analyzed: 10/02/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							

Surrogate: 4-Bromochlorobenzene-PID 7.56 8.00 94.5 70-130

LCS (2339122-BS1) Prepared: 09/30/23 Analyzed: 10/02/23

Benzene	4.60	0.0250	5.00		92.1	70-130			
Ethylbenzene	4.56	0.0250	5.00		91.1	70-130			
Toluene	4.61	0.0250	5.00		92.2	70-130			
o-Xylene	4.59	0.0250	5.00		91.7	70-130			
p,m-Xylene	9.31	0.0500	10.0		93.1	70-130			
Total Xylenes	13.9	0.0250	15.0		92.7	70-130			

Surrogate: 4-Bromochlorobenzene-PID 7.49 8.00 93.6 70-130

Matrix Spike (2339122-MS1) Source: E309232-02 Prepared: 09/30/23 Analyzed: 10/02/23

Benzene	4.88	0.0250	5.00	ND	97.6	54-133			
Ethylbenzene	4.83	0.0250	5.00	ND	96.6	61-133			
Toluene	4.87	0.0250	5.00	ND	97.4	61-130			
o-Xylene	4.83	0.0250	5.00	ND	96.6	63-131			
p,m-Xylene	9.85	0.0500	10.0	ND	98.5	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131			

Surrogate: 4-Bromochlorobenzene-PID 7.49 8.00 93.7 70-130

Matrix Spike Dup (2339122-MSD1) Source: E309232-02 Prepared: 09/30/23 Analyzed: 10/02/23

Benzene	4.95	0.0250	5.00	ND	99.0	54-133	1.47	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	61-133	1.57	20	
Toluene	4.95	0.0250	5.00	ND	98.9	61-130	1.55	20	
o-Xylene	4.91	0.0250	5.00	ND	98.1	63-131	1.55	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	1.47	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.4	63-131	1.50	20	

Surrogate: 4-Bromochlorobenzene-PID 7.62 8.00 95.3 70-130



QC Summary Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported:
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	10/5/2023 1:36:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2339122-BLK1) Prepared: 09/30/23 Analyzed: 10/02/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			

LCS (2339122-BS2) Prepared: 09/30/23 Analyzed: 10/02/23

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.8	70-130			

Matrix Spike (2339122-MS2) Source: E309232-02 Prepared: 09/30/23 Analyzed: 10/02/23

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.6	70-130			

Matrix Spike Dup (2339122-MSD2) Source: E309232-02 Prepared: 09/30/23 Analyzed: 10/02/23

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130	0.724	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.8	70-130			



QC Summary Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported:
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	10/5/2023 1:36:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2340003-BLK1)					Prepared: 10/02/23 Analyzed: 10/02/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.9		50.0		99.7	50-200			

LCS (2340003-BS1)					Prepared: 10/02/23 Analyzed: 10/02/23				
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132			
Surrogate: n-Nonane	49.5		50.0		99.1	50-200			

Matrix Spike (2340003-MS1)					Source: E309241-01		Prepared: 10/02/23 Analyzed: 10/02/23		
Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	52.1		50.0		104	50-200			

Matrix Spike Dup (2340003-MSD1)					Source: E309241-01		Prepared: 10/02/23 Analyzed: 10/02/23		
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132	3.94	20	
Surrogate: n-Nonane	48.4		50.0		96.7	50-200			



QC Summary Data

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	Reported:
4008 N Grimes #270	Project Number:	23083-0001	
Hobbs NM, 88240	Project Manager:	Andrew Parker	10/5/2023 1:36:49PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2340007-BLK1)					Prepared: 10/02/23 Analyzed: 10/02/23				
Chloride	ND	20.0							
LCS (2340007-BS1)					Prepared: 10/02/23 Analyzed: 10/02/23				
Chloride	248	20.0	250		99.3	90-110			
Matrix Spike (2340007-MS1)					Source: E309233-01		Prepared: 10/02/23 Analyzed: 10/02/23		
Chloride	467	20.0	250	275	77.2	80-120			M2
Matrix Spike Dup (2340007-MSD1)					Source: E309233-01		Prepared: 10/02/23 Analyzed: 10/02/23		
Chloride	502	20.0	250	275	90.8	80-120	7.06	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

McNabb Partners	Project Name:	20230916-0830-Bell Lake 4	
4008 N Grimes #270	Project Number:	23083-0001	Reported:
Hobbs NM, 88240	Project Manager:	Andrew Parker	10/05/23 13:36

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 1

Client: <u>McNabb Partners</u>				Bill To				Lab Use Only				TAT				EPA Program											
Project: <u>20230916-0830-BILLALP 4</u>				Attention: <u>McNabb Partners</u>				Lab WO# <u>E309233</u>				Job Number <u>23083-000</u>				1D		2D		3D		Standard		CWA		SDWA	
Project Manager: <u>Andrew Parker</u>				Address: <u>4008 N. Grimes, PMB 270</u>				Analysis and Method														RCRA					
Address:				City, State, Zip <u>Hobbs, NM 88240</u>																							
City, State, Zip				Phone: <u>575-397-0050</u>																							
Phone: <u>970-570-9535</u>				Email: <u>kim@mcnabbpartners.com</u>																							
Email: <u>andrew@mcnabbpartners.com</u>				Report due by:																							
Time Sampled				Date Sampled				Matrix				No. of Containers				Sample ID				Lab Number							
11:10				9/27				S				1				CS-03.1 0-2 FT				1							
11:32																CS-03.1 2.75 FT				2							
12:14																CS-03.2 0-2 FT				3							
12:30																CS-03.2 2.25 FT				4							
12:51																CS-03.3 0-1.6 FT				5							
12:48																CS-03.3 1.6 FT				6							
13:20																CS-03.4 0-1.75 FT				7							
13:15				↓				↓				↓				CS-03.4 1.75 FT				8							
Additional Instructions:																											
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																	
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only											
<u>Andrew Parker</u>				9-28-23		07:30		<u>Michelle Gault</u>				9-28-23		1045		Received on ice: <u>Y</u> N											
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		T1											
<u>Michelle Gault</u>				9-28-23		1515		<u>Kenneth Gault</u>				9-28-23		1515		T2											
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		T3											
<u>Kenneth Gault</u>				9-28-23		2111		<u>Andrew Parker</u>				9-29-23		900		AVG Temp °C <u>4</u>											
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time													
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other										Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																	
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																											



envirotech

Envirotech Analytical Laboratory

Printed: 9/30/2023 11:04:07AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	McNabb Partners	Date Received:	09/29/23 09:00	Work Order ID:	E309233
Phone:	(970) 570-9535	Date Logged In:	09/29/23 12:42	Logged In By:	Alexa Michaels
Email:	andrew@mcnabbpartners.com	Due Date:	10/05/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

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

November 29, 2023

ANDREW PARKER
MC NABB SERVICES
P. O. BOX 5753
HOBBS, NM 88240

RE: BELL LAKE #4 - 1

Enclosed are the results of analyses for samples received by the laboratory on 11/16/23 15:15.

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

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

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

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

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

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

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 01.1 0-2 FT	H236287-01	Soil	15-Nov-23 14:06	16-Nov-23 15:15
CS - 01.1 2-4 FT	H236287-02	Soil	15-Nov-23 14:06	16-Nov-23 15:15
CS - 01.1 4.1-5 FT	H236287-03	Soil	15-Nov-23 14:06	16-Nov-23 15:15
CS - 03.1.1 0-2 FT	H236287-04	Soil	15-Nov-23 14:32	16-Nov-23 15:15
CS - 03.1.1 2-4 FT	H236287-05	Soil	15-Nov-23 14:32	16-Nov-23 15:15
CS - 03.1.1 4.1-5 FT	H236287-06	Soil	15-Nov-23 14:32	16-Nov-23 15:15
CS - 03.2.1 0-2 FT	H236287-07	Soil	15-Nov-23 15:22	16-Nov-23 15:15
CS - 03.2.1 2-4 FT	H236287-08	Soil	15-Nov-23 15:22	16-Nov-23 15:15
CS - 03.2.1 4.1-5 FT	H236287-09	Soil	15-Nov-23 15:22	16-Nov-23 15:15
CS - 02.1 0-2 FT	H236287-10	Soil	15-Nov-23 09:03	16-Nov-23 15:15
CS - 04.1 0-2 FT	H236287-11	Soil	16-Nov-23 14:54	16-Nov-23 15:15
CS - 04.1 2.1-2.75 FT	H236287-12	Soil	16-Nov-23 14:54	16-Nov-23 15:15
CS - 02.1 2-4 FT	H236287-13	Soil	16-Nov-23 09:00	16-Nov-23 15:15
CS - 02.1 4.1-4.5 FT	H236287-14	Soil	16-Nov-23 09:00	16-Nov-23 15:15
CS - 02.1 4.5-5.5 FT	H236287-15	Soil	16-Nov-23 09:20	16-Nov-23 15:15
CS - 3.4 0-2 FT	H236287-16	Soil	16-Nov-23 09:43	16-Nov-23 15:15
CS - 06.1 + 1 - 1 FT	H236287-17	Soil	16-Nov-23 10:22	16-Nov-23 15:15
CS - 06.1 1-2.25 FT	H236287-18	Soil	16-Nov-23 10:25	16-Nov-23 15:15
CS - 06.1 2.25-3.75 FT	H236287-19	Soil	16-Nov-23 10:30	16-Nov-23 15:15
CS - 06.1 3.75-5.75 FT	H236287-20	Soil	16-Nov-23 10:45	16-Nov-23 15:15
CS - 06.1 5.75-6.25 FT	H236287-21	Soil	16-Nov-23 10:53	16-Nov-23 15:15
CS - 06.1 14 FT	H236287-22	Soil	16-Nov-23 11:10	16-Nov-23 15:15
CS - 05 +1 - 0.5 FT	H236287-23	Soil	16-Nov-23 11:58	16-Nov-23 15:15
CS - 05 0.5-1.25 FT	H236287-24	Soil	16-Nov-23 12:00	16-Nov-23 15:15
CS - 05 1.25-1.75 FT	H236287-25	Soil	16-Nov-23 12:10	16-Nov-23 15:15
CS - 05 1.75-3.25 FT	H236287-26	Soil	16-Nov-23 12:15	16-Nov-23 15:15
CS - 05 10 FT	H236287-27	Soil	16-Nov-23 12:50	16-Nov-23 15:15

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, 88240Project: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484Reported:
29-Nov-23 14:07

CS - 05 13 FT	H236287-28	Soil	16-Nov-23 12:55	16-Nov-23 15:15
CS - 05 16 FT	H236287-29	Soil	16-Nov-23 13:00	16-Nov-23 15:15

11/29/23 - Client changed the sample IDs on -13 and -14 (see COC). This is the revised report and will replace the one sent on 11/21/23.

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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 01.1 0-2 FT
H236287-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	3112009	AC	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3111707	JH/	17-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		114 %		71.5-134	3111707	JH/	17-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane		68.5 %		48.2-134	3111634	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane		75.0 %		49.1-148	3111634	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 01.1 2-4 FT
H236287-02 (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	3112009	AC	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111707	JH/	17-Nov-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			111 %	71.5-134		3111707	JH/	17-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			74.6 %	48.2-134		3111634	MS	17-Nov-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.2 %	49.1-148		3111634	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 01.1 4.1-5 FT
H236287-03 (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	3112009	AC	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111707	JH/	17-Nov-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %		71.5-134	3111707	JH/	17-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.2 %		48.2-134	3111634	MS	17-Nov-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.2 %		49.1-148	3111634	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 03.1.1 0-2 FT
H236287-04 (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	3112009	AC	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	3111707	JH/	17-Nov-23	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
Surrogate: 1-Chlorooctane			72.2 %		48.2-134	3111634	MS	17-Nov-23	8015B	
Surrogate: 1-Chlorooctadecane			77.6 %		49.1-148	3111634	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 03.1.1 2-4 FT
H236287-05 (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	3112009	AC	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111707	JH/	17-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	3111707	JH/	17-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane			77.0 %		48.2-134	3111634	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			83.5 %		49.1-148	3111634	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 03.1.1 4.1-5 FT**H236287-06 (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	3112009	AC	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111707	JH/	17-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	3111707	JH/	17-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane			81.6 %		48.2-134	3111634	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			88.1 %		49.1-148	3111634	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 03.2.1 0-2 FT
H236287-07 (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	3112009	AC	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111707	JH/	17-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	3111707	JH/	17-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane			78.2 %		48.2-134	3111634	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			82.1 %		49.1-148	3111634	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 03.2.1 2-4 FT
H236287-08 (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	3112009	AC	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111707	JH/	17-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	3111707	JH/	17-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111634	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane			76.7 %		48.2-134	3111634	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			82.6 %		49.1-148	3111634	MS	17-Nov-23	8015B	
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Cardinal Laboratories

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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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 03.2.1 4.1-5 FT**H236287-09 (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	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111707	JH/	17-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	3111707	JH/	17-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	

Surrogate: 1-Chlorooctane			71.5 %		48.2-134	3111634	MS	18-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			77.7 %		49.1-148	3111634	MS	18-Nov-23	8015B	
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Cardinal Laboratories

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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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 02.1 0-2 FT
H236287-10 (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	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111707	JH/	17-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111707	JH/	17-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	3111707	JH/	17-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	

Surrogate: 1-Chlorooctane			73.5 %		48.2-134	3111634	MS	18-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			79.9 %		49.1-148	3111634	MS	18-Nov-23	8015B	
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Cardinal Laboratories

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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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 04.1 0-2 FT
H236287-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1060		16.0	mg/kg	4	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %		71.5-134	3111708	JH	18-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	
DRO >C10-C28*	12.9		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	

Surrogate: 1-Chlorooctane			68.5 %		48.2-134	3111634	MS	18-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			72.8 %		49.1-148	3111634	MS	18-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 04.1 2.1-2.75 FT
H236287-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1680		16.0	mg/kg	4	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %		71.5-134	3111708	JH	18-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111634	MS	18-Nov-23	8015B	

Surrogate: 1-Chlorooctane			75.7 %		48.2-134	3111634	MS	18-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			82.4 %		49.1-148	3111634	MS	18-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 02.1 2-4 FT
H236287-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1100		16.0	mg/kg	4	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %	71.5-134		3111708	JH	18-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane			81.6 %	48.2-134		3111635	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			93.3 %	49.1-148		3111635	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 02.1 4.1-4.5 FT**H236287-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1220		16.0	mg/kg	4	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %		71.5-134	3111708	JH	18-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane			84.4 %		48.2-134	3111635	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			95.4 %		49.1-148	3111635	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 02.1 4.5-5.5 FT
H236287-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1090		16.0	mg/kg	4	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			119 %		71.5-134	3111708	JH	18-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane			85.1 %		48.2-134	3111635	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			96.3 %		49.1-148	3111635	MS	17-Nov-23	8015B	
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Cardinal Laboratories

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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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 3.4 0-2 FT
H236287-16 (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	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			129 %		71.5-134	3111708	JH	18-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	155		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane			92.3 %		48.2-134	3111635	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			103 %		49.1-148	3111635	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 06.1 + 1 - 1 FT
H236287-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.500		0.500	mg/kg	500	3111708	JH	20-Nov-23	8021B	
Toluene*	7.50		0.500	mg/kg	500	3111708	JH	20-Nov-23	8021B	GC-NC1
Ethylbenzene*	8.93		0.500	mg/kg	500	3111708	JH	20-Nov-23	8021B	GC-NC1
Total Xylenes*	70.1		1.50	mg/kg	500	3111708	JH	20-Nov-23	8021B	
Total BTEX	85.6		3.00	mg/kg	500	3111708	JH	20-Nov-23	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 203 % 71.5-134 3111708 JH 20-Nov-23 8021B

Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	2960		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	6870		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	91.1		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane 576 % 48.2-134 3111635 MS 17-Nov-23 8015B

Surrogate: 1-Chlorooctadecane 113 % 49.1-148 3111635 MS 17-Nov-23 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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 06.1 1-2.25 FT
H236287-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<1.00		1.00	mg/kg	1000	3111708	JH	20-Nov-23	8021B	
Toluene*	1.64		1.00	mg/kg	1000	3111708	JH	20-Nov-23	8021B	GC-NC1
Ethylbenzene*	7.02		1.00	mg/kg	1000	3111708	JH	20-Nov-23	8021B	GC-NC1
Total Xylenes*	55.4		3.00	mg/kg	1000	3111708	JH	20-Nov-23	8021B	GC-NC1
Total BTEX	64.1		6.00	mg/kg	1000	3111708	JH	20-Nov-23	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID)		162 %		71.5-134		3111708	JH	20-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	3780		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	7250		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	22.1		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane		715 %		48.2-134		3111635	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane		105 %		49.1-148		3111635	MS	17-Nov-23	8015B	
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Cardinal Laboratories

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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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 06.1 2.25-3.75 FT**H236287-19 (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	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	0.154		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Ethylbenzene*	1.75		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Total Xylenes*	7.52		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Total BTEX	9.43		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID)	462 %		71.5-134			3111708	JH	18-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	901		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	4060		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane	244 %		48.2-134			3111635	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane	92.4 %		49.1-148			3111635	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 06.1 3.75-5.75 FT
H236287-20 (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	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	0.167		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Ethylbenzene*	1.66		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Total Xylenes*	9.02		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Total BTEX	10.8		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 411 % 71.5-134 3111708 JH 18-Nov-23 8021B

Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	1450		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	4220		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane 349 % 48.2-134 3111635 MS 17-Nov-23 8015B

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148 3111635 MS 17-Nov-23 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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS -06.1 5.75-6.25 FT**H236287-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Ethylbenzene*	0.644		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Total Xylenes*	3.75		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Total BTEX	4.40		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 283 % 71.5-134 3111708 JH 18-Nov-23 8021B

Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	504		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	2260		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane 245 % 48.2-134 3111635 MS 17-Nov-23 8015B

Surrogate: 1-Chlorooctadecane 118 % 49.1-148 3111635 MS 17-Nov-23 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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 06.1 14 FT
H236287-22 (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	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			119 %		71.5-134	3111708	JH	18-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane			89.7 %		48.2-134	3111635	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			102 %		49.1-148	3111635	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 05 +1 - 0.5 FT
H236287-23 (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	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.500		0.500	mg/kg	500	3111708	JH	20-Nov-23	8021B	
Toluene*	2.52		0.500	mg/kg	500	3111708	JH	20-Nov-23	8021B	GC-NC1
Ethylbenzene*	2.39		0.500	mg/kg	500	3111708	JH	20-Nov-23	8021B	GC-NC1
Total Xylenes*	35.9		1.50	mg/kg	500	3111708	JH	20-Nov-23	8021B	
Total BTEX	40.8		3.00	mg/kg	500	3111708	JH	20-Nov-23	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 163 % 71.5-134 3111708 JH 20-Nov-23 8021B

Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	2250		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	4720		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	26.7		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane 485 % 48.2-134 3111635 MS 17-Nov-23 8015B

Surrogate: 1-Chlorooctadecane 105 % 49.1-148 3111635 MS 17-Nov-23 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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 05 0.5-1.25 FT
H236287-24 (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	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.500		0.500	mg/kg	500	3111708	JH	20-Nov-23	8021B	
Toluene*	6.09		0.500	mg/kg	500	3111708	JH	20-Nov-23	8021B	GC-NC1
Ethylbenzene*	4.98		0.500	mg/kg	500	3111708	JH	20-Nov-23	8021B	GC-NC1
Total Xylenes*	37.8		1.50	mg/kg	500	3111708	JH	20-Nov-23	8021B	
Total BTEX	48.9		3.00	mg/kg	500	3111708	JH	20-Nov-23	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID)		162 %		71.5-134		3111708	JH	20-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	3150		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	6600		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	24.3		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane		613 %		48.2-134		3111635	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane		106 %		49.1-148		3111635	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 05 1.25-1.75 FT
H236287-25 (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	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	0.495		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Ethylbenzene*	1.70		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Total Xylenes*	10.8		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Total BTEX	13.0		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID)		329 %		71.5-134		3111708	JH	18-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	859		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	2140		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	15.8		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane		261 %		48.2-134		3111635	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane		100 %		49.1-148		3111635	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 05 1.75-3.25 FT**H236287-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	20-Nov-23	8021B	
Toluene*	0.486		0.050	mg/kg	50	3111708	JH	20-Nov-23	8021B	GC-NC1
Ethylbenzene*	1.77		0.050	mg/kg	50	3111708	JH	20-Nov-23	8021B	GC-NC1
Total Xylenes*	10.9		0.150	mg/kg	50	3111708	JH	20-Nov-23	8021B	GC-NC1
Total BTEX	13.2		0.300	mg/kg	50	3111708	JH	20-Nov-23	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID)	447 %		71.5-134			3111708	JH	20-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	1300		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
DRO >C10-C28*	3850		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111635	MS	17-Nov-23	8015B	

Surrogate: 1-Chlorooctane	292 %		48.2-134			3111635	MS	17-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane	96.9 %		49.1-148			3111635	MS	17-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 05 10 FT**H236287-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	0.058		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Ethylbenzene*	0.567		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Total Xylenes*	2.37		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1
Total BTEX	3.00		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 267 % 71.5-134 3111708 JH 18-Nov-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	237		10.0	mg/kg	1	3111635	MS	18-Nov-23	8015B	
DRO >C10-C28*	1640		10.0	mg/kg	1	3111635	MS	18-Nov-23	8015B	
EXT DRO >C28-C36	49.7		10.0	mg/kg	1	3111635	MS	18-Nov-23	8015B	

Surrogate: 1-Chlorooctane 129 % 48.2-134 3111635 MS 18-Nov-23 8015B

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148 3111635 MS 18-Nov-23 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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 05 13 FT**H236287-28 (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	3112013	HM	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			121 %		71.5-134	3111708	JH	18-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111635	MS	18-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111635	MS	18-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111635	MS	18-Nov-23	8015B	

Surrogate: 1-Chlorooctane			81.0 %		48.2-134	3111635	MS	18-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			91.0 %		49.1-148	3111635	MS	18-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

CS - 05 16 FT**H236287-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	3112010	AC	20-Nov-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3111708	JH	18-Nov-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3111708	JH	18-Nov-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			117 %		71.5-134	3111708	JH	18-Nov-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3111635	MS	18-Nov-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3111635	MS	18-Nov-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3111635	MS	18-Nov-23	8015B	

Surrogate: 1-Chlorooctane			85.4 %		48.2-134	3111635	MS	18-Nov-23	8015B	
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Surrogate: 1-Chlorooctadecane			95.6 %		49.1-148	3111635	MS	18-Nov-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

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 3112009 - 1:4 DI Water**Blank (3112009-BLK1)**

Prepared & Analyzed: 20-Nov-23

Chloride	ND	16.0	mg/kg
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LCS (3112009-BS1)

Prepared & Analyzed: 20-Nov-23

Chloride	432	16.0	mg/kg	400	108	80-120
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LCS Dup (3112009-BSD1)

Prepared & Analyzed: 20-Nov-23

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20
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Batch 3112010 - 1:4 DI Water**Blank (3112010-BLK1)**

Prepared & Analyzed: 20-Nov-23

Chloride	ND	16.0	mg/kg
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LCS (3112010-BS1)

Prepared & Analyzed: 20-Nov-23

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (3112010-BSD1)

Prepared & Analyzed: 20-Nov-23

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20
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Batch 3112013 - 1:4 DI Water**Blank (3112013-BLK1)**

Prepared & Analyzed: 20-Nov-23

Chloride	ND	16.0	mg/kg
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LCS (3112013-BS1)

Prepared & Analyzed: 20-Nov-23

Chloride	416	16.0	mg/kg	400	104	80-120
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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

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 3112013 - 1:4 DI Water**LCS Dup (3112013-BSD1)**

Prepared & Analyzed: 20-Nov-23

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

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 3111707 - Volatiles**Blank (3111707-BLK1)**

Prepared & Analyzed: 17-Nov-23

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)	0.0570		mg/kg	0.0500		114	71.5-134			

LCS (3111707-BS1)

Prepared & Analyzed: 17-Nov-23

Benzene	1.89	0.050	mg/kg	2.00		94.4	82.8-130			
Toluene	2.02	0.050	mg/kg	2.00		101	86-128			
Ethylbenzene	2.01	0.050	mg/kg	2.00		101	85.9-128			
m,p-Xylene	4.07	0.100	mg/kg	4.00		102	89-129			
o-Xylene	2.01	0.050	mg/kg	2.00		100	86.1-125			
Total Xylenes	6.08	0.150	mg/kg	6.00		101	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0532		mg/kg	0.0500		106	71.5-134			

LCS Dup (3111707-BSD1)

Prepared & Analyzed: 17-Nov-23

Benzene	1.95	0.050	mg/kg	2.00		97.3	82.8-130	2.95	15.8	
Toluene	2.06	0.050	mg/kg	2.00		103	86-128	2.12	15.9	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128	2.15	16	
m,p-Xylene	4.17	0.100	mg/kg	4.00		104	89-129	2.37	16.2	
o-Xylene	2.05	0.050	mg/kg	2.00		103	86.1-125	2.10	16.7	
Total Xylenes	6.22	0.150	mg/kg	6.00		104	88.2-128	2.28	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0543		mg/kg	0.0500		109	71.5-134			

Batch 3111708 - Volatiles**Blank (3111708-BLK1)**

Prepared: 17-Nov-23 Analyzed: 18-Nov-23

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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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

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 3111708 - Volatiles**Blank (3111708-BLK1)**

Prepared: 17-Nov-23 Analyzed: 18-Nov-23

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0586		mg/kg	0.0500		117	71.5-134			

LCS (3111708-BS1)

Prepared & Analyzed: 17-Nov-23

Benzene	2.06	0.050	mg/kg	2.00		103	82.8-130			
Toluene	2.14	0.050	mg/kg	2.00		107	86-128			
Ethylbenzene	2.18	0.050	mg/kg	2.00		109	85.9-128			
m,p-Xylene	4.47	0.100	mg/kg	4.00		112	89-129			
o-Xylene	2.17	0.050	mg/kg	2.00		108	86.1-125			
Total Xylenes	6.64	0.150	mg/kg	6.00		111	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0569		mg/kg	0.0500		114	71.5-134			

LCS Dup (3111708-BSD1)

Prepared & Analyzed: 17-Nov-23

Benzene	2.07	0.050	mg/kg	2.00		104	82.8-130	0.823	15.8	
Toluene	2.17	0.050	mg/kg	2.00		109	86-128	1.44	15.9	
Ethylbenzene	2.19	0.050	mg/kg	2.00		109	85.9-128	0.504	16	
m,p-Xylene	4.49	0.100	mg/kg	4.00		112	89-129	0.394	16.2	
o-Xylene	2.16	0.050	mg/kg	2.00		108	86.1-125	0.569	16.7	
Total Xylenes	6.65	0.150	mg/kg	6.00		111	88.2-128	0.0806	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0560		mg/kg	0.0500		112	71.5-134			

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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

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 3111634 - General Prep - Organics**Blank (3111634-BLK1)**

Prepared: 16-Nov-23 Analyzed: 17-Nov-23

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	47.0		mg/kg	50.0		94.1	48.2-134			
Surrogate: 1-Chlorooctadecane	53.8		mg/kg	50.0		108	49.1-148			

LCS (3111634-BS1)

Prepared: 16-Nov-23 Analyzed: 17-Nov-23

GRO C6-C10	199	10.0	mg/kg	200		99.4	66.4-123			
DRO >C10-C28	201	10.0	mg/kg	200		101	66.5-118			
Total TPH C6-C28	400	10.0	mg/kg	400		100	77.6-123			
Surrogate: 1-Chlorooctane	51.9		mg/kg	50.0		104	48.2-134			
Surrogate: 1-Chlorooctadecane	56.6		mg/kg	50.0		113	49.1-148			

LCS Dup (3111634-BS1)

Prepared: 16-Nov-23 Analyzed: 17-Nov-23

GRO C6-C10	194	10.0	mg/kg	200		97.2	66.4-123	2.17	17.7	
DRO >C10-C28	196	10.0	mg/kg	200		98.1	66.5-118	2.67	21	
Total TPH C6-C28	391	10.0	mg/kg	400		97.7	77.6-123	2.42	18.5	
Surrogate: 1-Chlorooctane	52.1		mg/kg	50.0		104	48.2-134			
Surrogate: 1-Chlorooctadecane	56.5		mg/kg	50.0		113	49.1-148			

Batch 3111635 - General Prep - Organics**Blank (3111635-BLK1)**

Prepared: 16-Nov-23 Analyzed: 17-Nov-23

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	45.4		mg/kg	50.0		90.9	48.2-134			
Surrogate: 1-Chlorooctadecane	52.5		mg/kg	50.0		105	49.1-148			

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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
29-Nov-23 14:07

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

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

Batch 3111635 - General Prep - Organics**LCS (3111635-BS1)**

Prepared: 16-Nov-23 Analyzed: 17-Nov-23

GRO C6-C10	193	10.0	mg/kg	200		96.7	66.4-123		
DRO >C10-C28	181	10.0	mg/kg	200		90.5	66.5-118		
Total TPH C6-C28	374	10.0	mg/kg	400		93.6	77.6-123		
Surrogate: 1-Chlorooctane	46.7		mg/kg	50.0		93.3	48.2-134		
Surrogate: 1-Chlorooctadecane	56.6		mg/kg	50.0		113	49.1-148		

LCS Dup (3111635-BS1)

Prepared: 16-Nov-23 Analyzed: 17-Nov-23

GRO C6-C10	190	10.0	mg/kg	200		94.8	66.4-123	2.00	17.7
DRO >C10-C28	181	10.0	mg/kg	200		90.5	66.5-118	0.0381	21
Total TPH C6-C28	371	10.0	mg/kg	400		92.7	77.6-123	1.01	18.5
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.2	48.2-134		
Surrogate: 1-Chlorooctadecane	57.2		mg/kg	50.0		114	49.1-148		

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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.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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

Page 40 of 42

Company Name: <u>Kaiser / Francis - 11/16 McNabb Partners</u> Project Manager: <u>Andrew Parker</u> Address: <u>At Eite</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: <u>Amoredo Kaiser Francis</u> Project Name: <u>20230916-0830-Bell Lake 4</u> Project Location: <u>Bell Lake #4-1</u> Sampler Name: <u>Auden Escajeda</u>				BILL TO P.O. #: <u>20230916-0830-Bell Lake 4</u> Company: <u>Kaiser Francis</u> Attn: <u>Andrew@McNabbPartners.com</u> Address: <u>McNabb Partners</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____				ANALYSIS REQUEST																	
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING													
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER		ACID/BASE: ICE / COOL OTHER		DATE TIME		Chloride TPH (GRD + DRO + MRO) BTEX (Benzene)											
H236287		1 CS-01.1 0-2 Ft.		1		1		X		X		11/16/23 2:06		X											
		2 CS-01.1 2-4 Ft.		2		2						2:06		X											
		3 CS-01.1 4.1-5 Ft.		3		3						2:06		X											
		4 CS-03.1.1 0-2 Ft.		4		4						2:32		X											
		5 CS-03.1.1 2-4 Ft.		5		5						2:32		X											
		6 CS-03.1.1 4.1-5 Ft.		6		6						2:32		X											
		7 CS-03.2.1 0-2 Ft.		7		7						3:22		X											
		8 CS-03.2.1 2-4 Ft.		8		8						3:22		X											
		9 CS-03.2.1 4.1-5 Ft.		9		9						3:22		X											
		10 CS-02.1 0-2 Ft.		10		10						9:03		X											

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Relinquished By: <u>[Signature]</u> Date: <u>11/16/23</u> Time: <u>3:00pm</u>		Received By: <u>[Signature]</u> Date: <u>11/16/23</u> Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	
Relinquished By: <u>[Signature]</u> Date: <u>11/16/23</u> Time: _____		Received By: <u>[Signature]</u> Date: <u>11/16/23</u> Time: _____		REMARKS: <u>Cooler Temp Blanks -</u>	
Delivered By: (Circle One) <u>UPS</u> Sampler - UPS - Bus - Other: _____		Observed Temp. °C <u>2.0</u> Corrected Temp. °C _____		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/>		Thermometer ID #140 Correction Factor 0°C		Bacteria (only) 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"/>	

FORM-000 R 3.4 07/11/23

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[illegible]

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Relinquished By: <i>W. S. N.</i> Date: <i>1/26/23</i> Time: <i>7:00</i>		Received By: <i>Jamara Olden</i> Date: <i>1/25/23</i> Time:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	
Relinquished By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		REMARKS: <i>* Customer requested sample depth changes to 11/28/23</i>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____	Observed Temp. °C <i>20</i> Corrected Temp. °C _____	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>JO</i>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor 0°C	Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C _____ Corrected Temp. °C _____

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Relinquished By:		Date:	Received By:	Verbal Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
Relinquished By:		Time:	Received By:	All Results are emailed. Please provide Email address:			
Relinquished By:		Date:	Received By:	REMARKS:			
Relinquished By:		Time:	Received By:	REMARKS:			
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	<input checked="" type="checkbox"/>	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact	(Initials)	Thermometer ID #140	Rush	<input type="checkbox"/>	Cool Intact Observed Temp. °C
		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes		Correction Factor 0°C			<input type="checkbox"/> Yes <input type="checkbox"/> Yes
		<input type="checkbox"/> No <input type="checkbox"/> No					<input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

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

December 12, 2023

ANDREW PARKER
MC NABB SERVICES
P. O. BOX 5753
HOBBS, NM 88240

RE: BELL LAKE #4 - 1

Enclosed are the results of analyses for samples received by the laboratory on 12/07/23 9:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	12/07/2023	Sampling Date:	12/06/2023
Reported:	12/12/2023	Sampling Type:	Soil
Project Name:	BELL LAKE #4 - 1	Sampling Condition:	Cool & Intact
Project Number:	20230916-0830-BELL LAKE4	Sample Received By:	Shalyn Rodriguez
Project Location:	KAISER-FRANCIS		

Sample ID: CS - 02.2 0-1 FT (H236563-01)

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	12/07/2023	ND	2.27	114	2.00	3.79	
Toluene*	<0.050	0.050	12/07/2023	ND	2.19	109	2.00	4.14	
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.24	112	2.00	4.17	
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.62	110	6.00	2.64	
Total BTEX	<0.300	0.300	12/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	688	16.0	12/07/2023	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	12/07/2023	ND	198	99.0	200	2.32	
DRO >C10-C28*	<10.0	10.0	12/07/2023	ND	204	102	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	12/07/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/07/2023
 Reported: 12/12/2023
 Project Name: BELL LAKE #4 - 1
 Project Number: 20230916-0830-BELL LAKE4
 Project Location: KAISER-FRANCIS

Sampling Date: 12/06/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 02.2 2 FT (H236563-02)

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	12/07/2023	ND	2.27	114	2.00	3.79		
Toluene*	<0.050	0.050	12/07/2023	ND	2.19	109	2.00	4.14		
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.24	112	2.00	4.17		
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.62	110	6.00	2.64		
Total BTEx	<0.300	0.300	12/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	288	16.0	12/07/2023	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	12/07/2023	ND	198	99.0	200	2.32	
DRO >C10-C28*	<10.0	10.0	12/07/2023	ND	204	102	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	12/07/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/07/2023
 Reported: 12/12/2023
 Project Name: BELL LAKE #4 - 1
 Project Number: 20230916-0830-BELL LAKE4
 Project Location: KAISER-FRANCIS

Sampling Date: 12/06/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 03.2.2 0-1 FT (H236563-03)

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	12/07/2023	ND	2.27	114	2.00	3.79		
Toluene*	<0.050	0.050	12/07/2023	ND	2.19	109	2.00	4.14		
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.24	112	2.00	4.17		
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.62	110	6.00	2.64		
Total BTEx	<0.300	0.300	12/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	48.0	16.0	12/07/2023	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	12/07/2023	ND	198	99.0	200	2.32	
DRO >C10-C28*	<10.0	10.0	12/07/2023	ND	204	102	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	12/07/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received: 12/07/2023
 Reported: 12/12/2023
 Project Name: BELL LAKE #4 - 1
 Project Number: 20230916-0830-BELL LAKE4
 Project Location: KAISER-FRANCIS

Sampling Date: 12/06/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 03.2.2 1.75 FT (H236563-04)

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	12/07/2023	ND	2.27	114	2.00	3.79	
Toluene*	<0.050	0.050	12/07/2023	ND	2.19	109	2.00	4.14	
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.24	112	2.00	4.17	
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.62	110	6.00	2.64	
Total BTEX	<0.300	0.300	12/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	304	16.0	12/07/2023	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	12/08/2023	ND	198	99.0	200	2.32	
DRO >C10-C28*	<10.0	10.0	12/08/2023	ND	204	102	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	12/08/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/07/2023
 Reported: 12/12/2023
 Project Name: BELL LAKE #4 - 1
 Project Number: 20230916-0830-BELL LAKE4
 Project Location: KAISER-FRANCIS

Sampling Date: 12/06/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 04.2 0-1 FT (H236563-05)

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	12/07/2023	ND	2.27	114	2.00	3.79		
Toluene*	<0.050	0.050	12/07/2023	ND	2.19	109	2.00	4.14		
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.24	112	2.00	4.17		
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.62	110	6.00	2.64		
Total BTEx	<0.300	0.300	12/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 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	272	16.0	12/07/2023	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	12/08/2023	ND	198	99.0	200	2.32	
DRO >C10-C28*	<10.0	10.0	12/08/2023	ND	204	102	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	12/08/2023	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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*=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
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 12/07/2023
 Reported: 12/12/2023
 Project Name: BELL LAKE #4 - 1
 Project Number: 20230916-0830-BELL LAKE4
 Project Location: KAISER-FRANCIS

Sampling Date: 12/06/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 04.2 1.25 FT (H236563-06)

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	12/07/2023	ND	2.27	114	2.00	3.79		
Toluene*	<0.050	0.050	12/07/2023	ND	2.19	109	2.00	4.14		
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.24	112	2.00	4.17		
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.62	110	6.00	2.64		
Total BTX	<0.300	0.300	12/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	12/07/2023	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	12/08/2023	ND	198	99.0	200	2.32	
DRO >C10-C28*	<10.0	10.0	12/08/2023	ND	204	102	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	12/08/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/07/2023
 Reported: 12/12/2023
 Project Name: BELL LAKE #4 - 1
 Project Number: 20230916-0830-BELL LAKE4
 Project Location: KAISER-FRANCIS

Sampling Date: 12/06/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: ROWNE 0-1 FT (H236563-07)

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	12/07/2023	ND	2.27	114	2.00	3.79		
Toluene*	<0.050	0.050	12/07/2023	ND	2.19	109	2.00	4.14		
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.24	112	2.00	4.17		
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.62	110	6.00	2.64		
Total BTEX	<0.300	0.300	12/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	704	16.0	12/07/2023	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	12/08/2023	ND	198	99.0	200	2.32	
DRO >C10-C28*	31.8	10.0	12/08/2023	ND	204	102	200	5.72	
EXT DRO >C28-C36	13.7	10.0	12/08/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/07/2023
 Reported: 12/12/2023
 Project Name: BELL LAKE #4 - 1
 Project Number: 20230916-0830-BELL LAKE4
 Project Location: KAISER-FRANCIS

Sampling Date: 12/06/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: ROWNE 2 FT (H236563-08)

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	12/07/2023	ND	2.27	114	2.00	3.79	
Toluene*	<0.050	0.050	12/07/2023	ND	2.19	109	2.00	4.14	
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.24	112	2.00	4.17	
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.62	110	6.00	2.64	
Total BTX	<0.300	0.300	12/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	768	16.0	12/07/2023	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	12/08/2023	ND	198	99.0	200	2.32	
DRO >C10-C28*	26.0	10.0	12/08/2023	ND	204	102	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	12/08/2023	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By:		Date:	Receiver By:	Verbal Result:		Add'l Phone #:	
		12-7-23		All Results are emailed. Please provide Email address:			
Relinquished By:		Time:		REMARKS:			
		0930		TEMP BLANK: 1.2c			
Delivered By: (Circle One)		Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:		Corrected Temp. °C	Cool Intact	(Initials)	Thermometer ID #140	Rush	Cool Intact Observed Temp. °C
			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Correction Factor 0°C	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> No <input type="checkbox"/> No				<input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

FORM-006 R 3.4 07/11/23

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

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

January 04, 2024

ANDREW PARKER
MC NABB SERVICES
P. O. BOX 5753
HOBBS, NM 88240

RE: BELL LAKE #4 - 1

Enclosed are the results of analyses for samples received by the laboratory on 12/27/23 15:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484Reported:
04-Jan-24 11:56

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS-01.2 0-1FT	H236848-01	Soil	27-Dec-23 10:57	27-Dec-23 15:26
CS-01.2 1.25 FT	H236848-02	Soil	27-Dec-23 10:57	27-Dec-23 15:26
CS-02.3 0-1FT	H236848-03	Soil	27-Dec-23 11:26	27-Dec-23 15:26
CS-02.3 1.25FT	H236848-04	Soil	27-Dec-23 11:26	27-Dec-23 15:26
ROWNE 2 0-1FT	H236848-05	Soil	27-Dec-23 12:35	27-Dec-23 15:26
ROWNE 2 1.5FT	H236848-06	Soil	27-Dec-23 12:35	27-Dec-23 15:26

01/04/24 - Client asked for a rerun of the TPH on sample -01. We found that the original sample had some carryover so the TPH was rerun. This is the revised report and will replace the one sent on 12/29/23.

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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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
04-Jan-24 11:56

CS-01.2 0-1FT**H236848-01 (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	3122816	CT	29-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122804	JH	28-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134 3122804 JH 28-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122807	MS	03-Jan-24	8015B	
DRO >C10-C28*	24.4		10.0	mg/kg	1	3122807	MS	03-Jan-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122807	MS	03-Jan-24	8015B	

Surrogate: 1-Chlorooctane 93.7 % 48.2-134 3122807 MS 03-Jan-24 8015B

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148 3122807 MS 03-Jan-24 8015B

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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
04-Jan-24 11:56

CS-01.2 1.25 FT
H236848-02 (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	3122816	CT	29-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122804	JH	28-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134 3122804 JH 28-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	

Surrogate: 1-Chlorooctane 77.9 % 48.2-134 3122807 ms 28-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148 3122807 ms 28-Dec-23 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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
04-Jan-24 11:56

CS-02.3 0-1FT**H236848-03 (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	3122816	CT	29-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122804	JH	28-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134 3122804 JH 28-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	

Surrogate: 1-Chlorooctane 106 % 48.2-134 3122807 ms 28-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 105 % 49.1-148 3122807 ms 28-Dec-23 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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
04-Jan-24 11:56

CS-02.3 1.25FT
H236848-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	3122816	CT	29-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122804	JH	28-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134 3122804 JH 28-Dec-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	

Surrogate: 1-Chlorooctane 95.8 % 48.2-134 3122807 ms 28-Dec-23 8015B

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148 3122807 ms 28-Dec-23 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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
04-Jan-24 11:56

ROWNE 2 0-1FT**H236848-05 (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	3122816	CT	29-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122804	JH	28-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		3122804	JH	28-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	

Surrogate: 1-Chlorooctane			92.2 %	48.2-134		3122807	ms	28-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			89.9 %	49.1-148		3122807	ms	28-Dec-23	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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
04-Jan-24 11:56

ROWNE 2 1.5FT**H236848-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	3122816	CT	29-Dec-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3122804	JH	28-Dec-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3122804	JH	28-Dec-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3122804	JH	28-Dec-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3122807	ms	28-Dec-23	8015B	

Surrogate: 1-Chlorooctane			91.8 %		48.2-134	3122807	ms	28-Dec-23	8015B	
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Surrogate: 1-Chlorooctadecane			89.7 %		49.1-148	3122807	ms	28-Dec-23	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	Project: BELL LAKE #4 - 1	Reported:
P. O. BOX 5753	Project Number: 20230916-0830-BELL LAKE4	04-Jan-24 11:56
HOBBS NM, 88240	Project Manager: ANDREW PARKER	
	Fax To: (575) 391-8484	

Inorganic Compounds - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3122816 - 1:4 DI Water										
Blank (3122816-BLK1)				Prepared & Analyzed: 28-Dec-23						
Chloride	ND	16.0	mg/kg							
LCS (3122816-BS1)				Prepared & Analyzed: 28-Dec-23						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3122816-BSD1)				Prepared & Analyzed: 28-Dec-23						
Chloride	400	16.0	mg/kg	400		100	80-120	3.92	20	

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Celestine D. Keene

Celestine D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
P. O. BOX 5753
HOBBS NM, 88240

Project: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
04-Jan-24 11:56

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 3122804 - Volatiles**Blank (3122804-BLK1)**

Prepared & Analyzed: 28-Dec-23

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)	0.0522		mg/kg	0.0500		104	71.5-134			

LCS (3122804-BS1)

Prepared & Analyzed: 28-Dec-23

Benzene	2.21	0.050	mg/kg	2.00		111	82.8-130			
Toluene	2.23	0.050	mg/kg	2.00		112	86-128			
Ethylbenzene	2.23	0.050	mg/kg	2.00		111	85.9-128			
m,p-Xylene	4.52	0.100	mg/kg	4.00		113	89-129			
o-Xylene	2.19	0.050	mg/kg	2.00		109	86.1-125			
Total Xylenes	6.71	0.150	mg/kg	6.00		112	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	71.5-134			

LCS Dup (3122804-BSD1)

Prepared & Analyzed: 28-Dec-23

Benzene	2.22	0.050	mg/kg	2.00		111	82.8-130	0.381	15.8	
Toluene	2.25	0.050	mg/kg	2.00		112	86-128	0.696	15.9	
Ethylbenzene	2.24	0.050	mg/kg	2.00		112	85.9-128	0.679	16	
m,p-Xylene	4.53	0.100	mg/kg	4.00		113	89-129	0.144	16.2	
o-Xylene	2.20	0.050	mg/kg	2.00		110	86.1-125	0.735	16.7	
Total Xylenes	6.73	0.150	mg/kg	6.00		112	88.2-128	0.337	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		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: BELL LAKE #4 - 1
Project Number: 20230916-0830-BELL LAKE4
Project Manager: ANDREW PARKER
Fax To: (575) 391-8484

Reported:
04-Jan-24 11:56

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 3122807 - General Prep - Organics**Blank (3122807-BLK1)**

Prepared & Analyzed: 28-Dec-23

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	47.9		mg/kg	50.0		95.7	48.2-134			
Surrogate: 1-Chlorooctadecane	46.0		mg/kg	50.0		92.0	49.1-148			

LCS (3122807-BS1)

Prepared: 28-Dec-23 Analyzed: 29-Dec-23

GRO C6-C10	180	10.0	mg/kg	200		89.9	66.4-123			
DRO >C10-C28	180	10.0	mg/kg	200		89.8	66.5-118			
Total TPH C6-C28	359	10.0	mg/kg	400		89.8	77.6-123			
Surrogate: 1-Chlorooctane	53.3		mg/kg	50.0		107	48.2-134			
Surrogate: 1-Chlorooctadecane	51.1		mg/kg	50.0		102	49.1-148			

LCS Dup (3122807-BS1)

Prepared & Analyzed: 28-Dec-23

GRO C6-C10	182	10.0	mg/kg	200		91.2	66.4-123	1.41	17.7	
DRO >C10-C28	180	10.0	mg/kg	200		90.2	66.5-118	0.435	21	
Total TPH C6-C28	363	10.0	mg/kg	400		90.7	77.6-123	0.925	18.5	
Surrogate: 1-Chlorooctane	52.2		mg/kg	50.0		104	48.2-134			
Surrogate: 1-Chlorooctadecane	50.0		mg/kg	50.0		99.9	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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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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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: <u>McNabb Partners</u>				BILL TO				ANALYSIS REQUEST																							
Project Manager: <u>Andrew Parker</u>				P.O. #: <u>20230916-0830-BellLake4</u>				<div style="display: flex; flex-direction: column; align-items: center;"> <div>Chloride</div> <div>TPH (Gro + DRO + MRO)</div> <div>BTEX (Benzene)</div> </div>																							
Address: <u>On-File</u>				Company: <u>McNabb Partners</u>																											
City:		State:		Zip:		Attn: <u>andrew@mcnabbpartners.com</u>																									
Phone #:		Fax #:		Address:																											
Project #:		Project Owner: <u>Kaiser-Francis</u>		City:																											
Project Name: <u>20230916-0830-BellLake4</u>				State:																Zip:											
Project Location: <u>Bell Lake # 4 1</u>				Phone #:																											
Sampler Name: <u>Christopher Turner</u>				Fax #:																											
FOR LAB USE ONLY				MATRIX				PRESERV.				SAMPLING																			
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP.)		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME			
<u>H236848</u>		<u>CS-01.2</u>		<u>0-1Ft</u>		<u>C 1</u>						<u>X</u>								<u>X</u>		<u>12.27</u>		<u>10:57</u>		<u>X</u>		<u>X</u>		<u>X</u>	
<u>02</u>		<u>CS-01.2</u>		<u>1.25Ft</u>		<u>G</u>																		<u>10:57</u>							
<u>03</u>		<u>CS-02.3</u>		<u>0-1Ft</u>		<u>C</u>																		<u>11:26</u>							
<u>04</u>		<u>CS-02.3</u>		<u>1.25Ft</u>		<u>G</u>																		<u>11:26</u>							
<u>05</u>		<u>ROWNE 2</u>		<u>0-1Ft</u>		<u>C</u>																		<u>12:35</u>							
<u>06</u>		<u>ROWNE 2</u>		<u>1.5Ft</u>		<u>G</u>																		<u>12:35</u>							

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Relinquished By: <u>GA</u>		Date: <u>12.27.23</u>		Received By: <u>[Signature]</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Time: <u>8:23</u>		Received By:		All Results are emailed. Please provide Email address:	
Date: <u>12.27.23</u>		Time: <u>15:26</u>		REMARKS: <u>Temp blank 1.9</u>			
Delivered By: (Circle One)		Observed Temp. °C <u>4.3°C</u>		Sample Condition		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>#140</u>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition	
				CHECKED BY: (Initials) <u>[Signature]</u>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
						Observed Temp. °C	
						Corrected Temp. °C	

FORM-000 R 3.4 07/11/23

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

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

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

QUESTIONS

Action 311921

QUESTIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 311921
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2326344306
Incident Name	NAPP2326344306 BELL LAKE UNIT #4 1 @ 30-025-08491
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Well	[30-025-08491] BELL LAKE UNIT 1 #004

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	BELL LAKE UNIT #4 1
Date Release Discovered	09/16/2023
Surface Owner	State

Incident Details <i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
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 <i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Production Tank Crude Oil Released: 4 BBL Recovered: 4 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Production Tank Produced Water Released: 17 BBL Recovered: 14 BBL Lost: 3 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	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I

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

District II

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QUESTIONS, Page 2

Action 311921

QUESTIONS (continued)

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID:
	12361
	Action Number:
	311921
Action Type:	
[C-141] Deferral Request C-141 (C-141-v-Deferral)	

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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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: Andrew Parker Title: Consultant Email: andrew@mcnabbpartners.com Date: 02/07/2024
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QUESTIONS, Page 3

Action 311921

QUESTIONS (continued)

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID:
	12361
	Action Number:
	311921
Action Type:	
[C-141] Deferral Request C-141 (C-141-v-Deferral)	

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 75 and 100 (ft.)
What method was used to determine the depth to ground water	Attached Document
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 1 and 5 (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	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 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	Greater than 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
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.	
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)	1680
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	22175
GRO+DRO	(EPA SW-846 Method 8015M)	21550
BTEX	(EPA SW-846 Method 8021B or 8260B)	204.1
Benzene	(EPA SW-846 Method 8021B or 8260B)	11

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	03/25/2024
On what date will (or did) the final sampling or liner inspection occur	04/15/2024
On what date will (or was) the remediation complete(d)	04/23/2024
What is the estimated surface area (in square feet) that will be reclaimed	4970
What is the estimated volume (in cubic yards) that will be reclaimed	200
What is the estimated surface area (in square feet) that will be remediated	200
What is the estimated volume (in cubic yards) that will be remediated	15

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 311921

QUESTIONS (continued)

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID:	12361
	Action Number:	311921
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Yes
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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: 02/07/2024
<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 311921

QUESTIONS (continued)

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID:	12361
	Action Number:	311921
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	In use tank battery
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	3431
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	1270
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-025-08491 BELL LAKE UNIT 1 #004
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<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: 02/07/2024

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QUESTIONS, Page 6

Action 311921

QUESTIONS (continued)

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 311921
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	297022
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/27/2023
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	400

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
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CONDITIONS

Action 311921

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 311921
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation Plan is approved as written. Kaiser-Francis has 90-days (July 5, 2024) to submit to OCD its appropriate or final remediation closure report.	4/5/2024