



McNabb Partners, LLC
Hobbs • Carlsbad • Midland
575.397.0050
www.mcnabbpartnersllc.com

February 3, 2025

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

RE: Remediation Work Plan Proposal
Incident ID: nAPP2419842748
Hawk 9H/Condor 8H Transfer Line
Project ID: 20240715-rileyPermian-hawk9Condor8

NMOCD:

McNabb Partners submits this remediation work plan proposal and deferral request on behalf of Riley Permian Operating Company, LLC. This document describes site assessment, soil sample analysis and proposed remediation method for Hawk 9H/Condor 8H Transfer Line (Site)

The release was discovered on July 15, 2024 as a result of a flowline leak. The release consisted of approximately 200 bbls of produced water of which 160 bbls were recovered for a net loss of 40 bbls of produced water.

1. Characterization

The following sections address items as described in 19.15.29.11.A, paragraphs 1- 4. Please refer to the characterization table below for additional setback criteria and Plats 2-9 for verification.

1.1. Site Map

Plate 1 shows the release extent relative to Hawk 9H/Condor 8H Transfer Line. The suspected source of the release is located at 32.7674, -104.25935 (Lat, Long; NAD83).



Site Characterization	
What is the shallowest depth to groundwater (ft bgs)	25-50 ft bgs
What measure was used to determine this?	NMOSE and USGS
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 	Between 1000 ft and ½ mi
<ul style="list-style-type: none"> • Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark 	Between 1 and 5 mi
<ul style="list-style-type: none"> • An occupied permanent residence, school, hospital, institution or church. 	Between 1 and 5 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. 	Between 1 and 5 mi
<ul style="list-style-type: none"> • Any other fresh water well or spring. 	Between 1 and 5 mi
<ul style="list-style-type: none"> • Incorporated municipal boundaries or a defined municipal fresh water well field. 	Between 1 and 5 mi
<ul style="list-style-type: none"> • A wetland 	Between 1 and 5 mi
<ul style="list-style-type: none"> • A subsurface mine. 	Between 1 and 5 mi
<ul style="list-style-type: none"> • A (non-karst) unstable area. 	Between 1 and 5 mi
<ul style="list-style-type: none"> • Categorize the risk of this well/site being in a karst geology. 	High Karst
<ul style="list-style-type: none"> • A 100-year floodplain. 	Between 1 and 5 mi
<ul style="list-style-type: none"> • Did the release impact areas not on an exploration, development, production, or storage site? 	Yes



1.2. Site Characterization

Based on a review of the USGS and NMOSE groundwater databases, there are 2 known groundwater sources within ½-mile of the Site. The nearest identified USGS well 324603104155001 is located 1,560 feet west of the release extent where depth-to-water was last measured in 1999 at 31.73 ft below ground surface (ft bgs). The nearest identified NM OSE boring RA 03917 was drilled to 130 ft bgs in 1958 with recorded depth-to-water at 50 ft bgs. Both well logs are attached.

The Site is located more than 200 feet from a lakebed, sinkhole, or playa lake, and over 300 feet from any occupied residence, school, hospital, institution, church, or wetland. Site is over 1,000 feet from a freshwater well or spring and is not within a 100-year floodplain or above a subsurface mine. The Site is located within a High Karst potential geological area. Complete site characterization map is shown in Plat 02.

Closure Criteria as listed in Table 1 of 19.15.29 NMAC, where the Karst potential is high is defined as:

DTW - Unknown	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"	600	--	100	10	50

2. Initial Site Assessment

On December 20th, 2024, McNabb Partners conducted the initial site assessment. Ten (10) boreholes (i.e., BH-01 through BH-10) were installed in the area of concern to vertically delineate the release impacts. Samples BH-01 through BH-10 were collected at various depths ranging from 0.5 ft bgs to 8 ft bgs with a mechanical auger attached to a skid steer. Eight (8) horizontal delineation samples (HS-1 through HS-08) were collected adjacent to the suspected release area at a depth of 0.5 ft bgs.

All samples were analyzed for BTEX, TPH and chloride concentrations by a certified laboratory. Analytical results indicated that samples BH-01, BH-02, BH-03, BH-05, BH-07, BH-09 and BH-10 exceeded most stringent closure criteria for chloride and/or TPH concentrations at depths between 0.5 and 4 ft bgs. All other sample points have met the Closure Criteria listed in Table 1 of 19.15.29 NMAC.

- Plat 1 shows a topographic map of the location.
- Plat 2 provides complete site characterization information.
- Plat 3 shows the proposed excavation map.
- Table A shows the summary of all laboratory data.
- All sampling notifications and communications are included in Appendix A.
- Well driller log is included in Appendix B.



- Laboratory Reports and Chains of Custodies for all samples are included in Appendix C.
- Figures 1 through 6 show the photolog of various activities on Site.

3. Remediation Work Plan

Remediation Plan	
Requesting a remediation plan approval with this submission?	Yes
Have the lateral and vertical extents of the contamination been fully delineated?	Yes
Was this release entirely contained within a lined containment area?	No
Soil Contamination Sampling (Highest observable value for each in mg/kg)	
• Chloride	10,000
• TPH (DRO+GRO+MRO)	1,069
• GRO+DRO	717
• BTEX	0.3
• Benzene	0.1
On what estimated date will the remediation commence	02/17/2025
On what date will (or did) the final sampling or liner inspection occur	03/17/2025
On what date will (or was) the remediation completed	04/17/2025
What is the estimated surface area (in square feet) that will be reclaimed	15,658
What is the estimated volume (in cubic yards) that will be reclaimed	4,059
What is the estimated surface area (in square ft) that will be remediated	15,658
What is the estimated volume (in cubic yards) that will be remediated	4,059
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)	
• Biological processing (in Situ)	
• Physical processing (in Situ)	
• Groundwater abatement	
• Other (non-listed remedial process)	
• Other non-listed remedial process. Please specify	



McNabb Partners propose remediation of the release in question by a method of dig and haul. We propose excavating areas represented by sample points BH-01, BH-02, BH-03, BH-05, BH-07, BH-09 and BH-10 to a depth of seven (7) ft bgs. The depths mentioned above are initial proposal based on the analytical data from sampling events on site, and the excavation will continue until all confirmation samples meet most stringent criteria concentrations.

Following the completion of the excavation, confirmation samples will be collected from the base and side walls of the excavation using a five (5) point composite method, representing an area not larger than 200 square feet. If any discoloration is noted, discrete grab soil samples will be collected from such areas. All confirmation samples will be sent to a certified laboratory for testing BTEX, TPH and chloride concentrations. If any of the confirmation samples indicate concentrations that exceed the regulatory limits in Table I (NMAC 19.15.23.12), the areas represented by those samples will be further excavated until the concentrations are below the NMOCD Closure Criteria.

Approximately, 4,059 cubic yards of the contaminated material will be excavated for proper disposal at NMOCD approved disposal facility. 15,658 square feet of the affected surface will be restored to the condition that existed prior to the release.

After NMOCD grants approval to this remediation work plan, the remediation will be completed within 90 days. A closure report detailing the final remediation efforts and confirmation sampling activities will be submitted to NMOCD upon the completion of this remediation plan.

Please contact me with any questions at 917-497-6890.

Sincerely,

A handwritten signature in black ink that reads "Dnikanorov".

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



Copy: Spence Laird, Riley Permian Operating Company, LLC
Bureau of Land Management

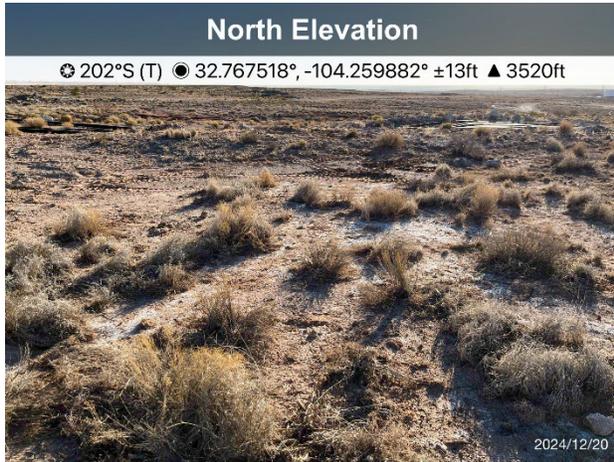


Figure 1. Area of Concern.

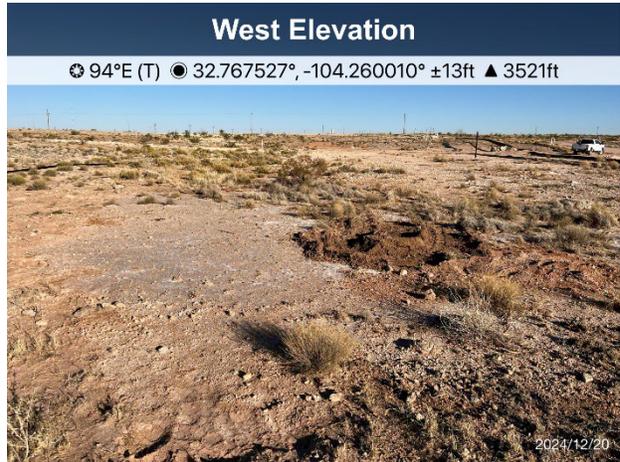


Figure 2. Area of Concern.



Figure 3. Area of Concern.



Figure 4. Area of Concern.

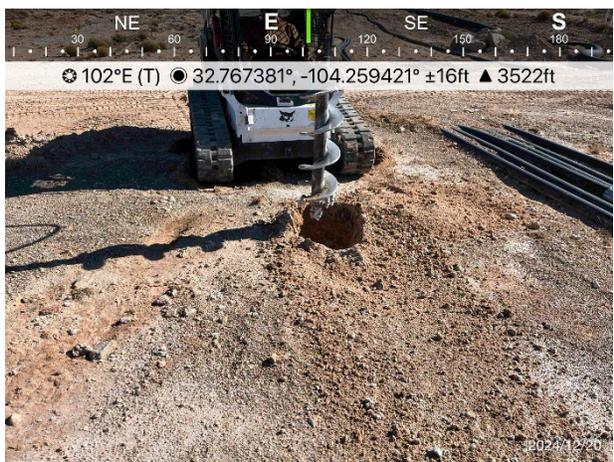


Figure 5. Delineation activities.

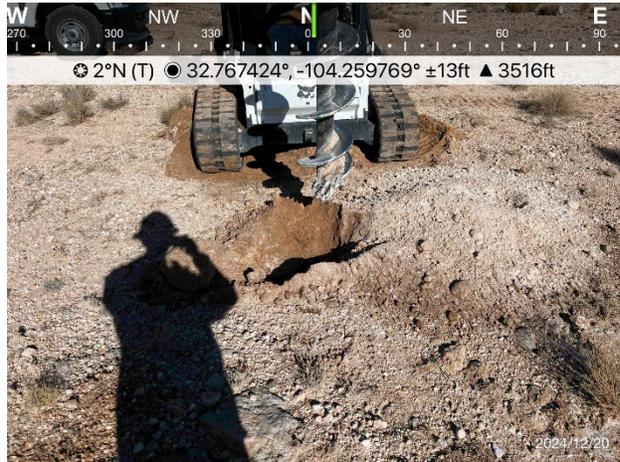
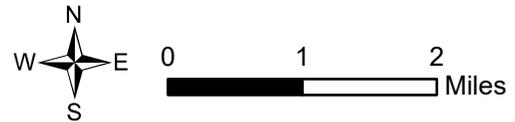
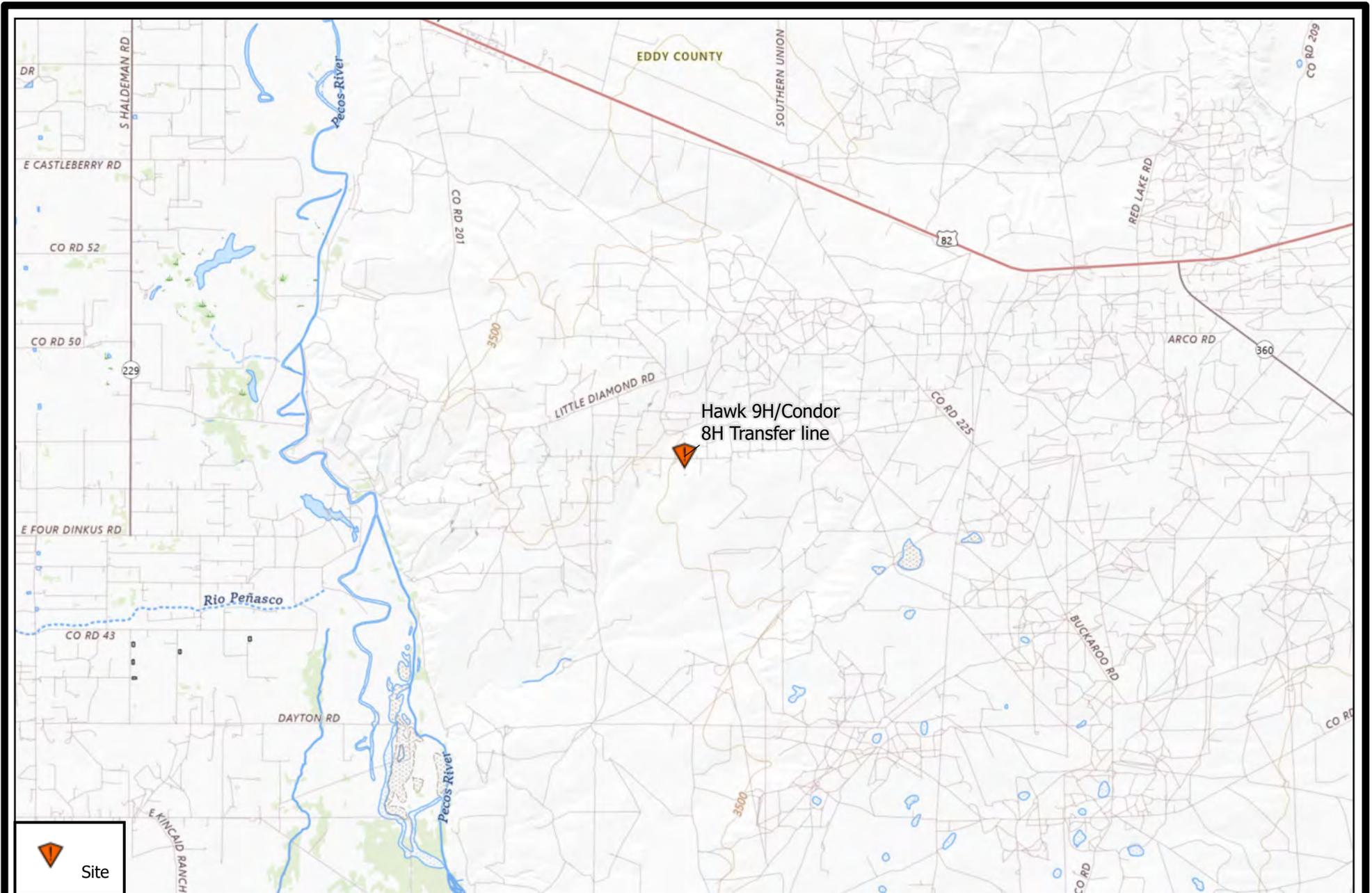


Figure 6. Delineation activities.

Plats



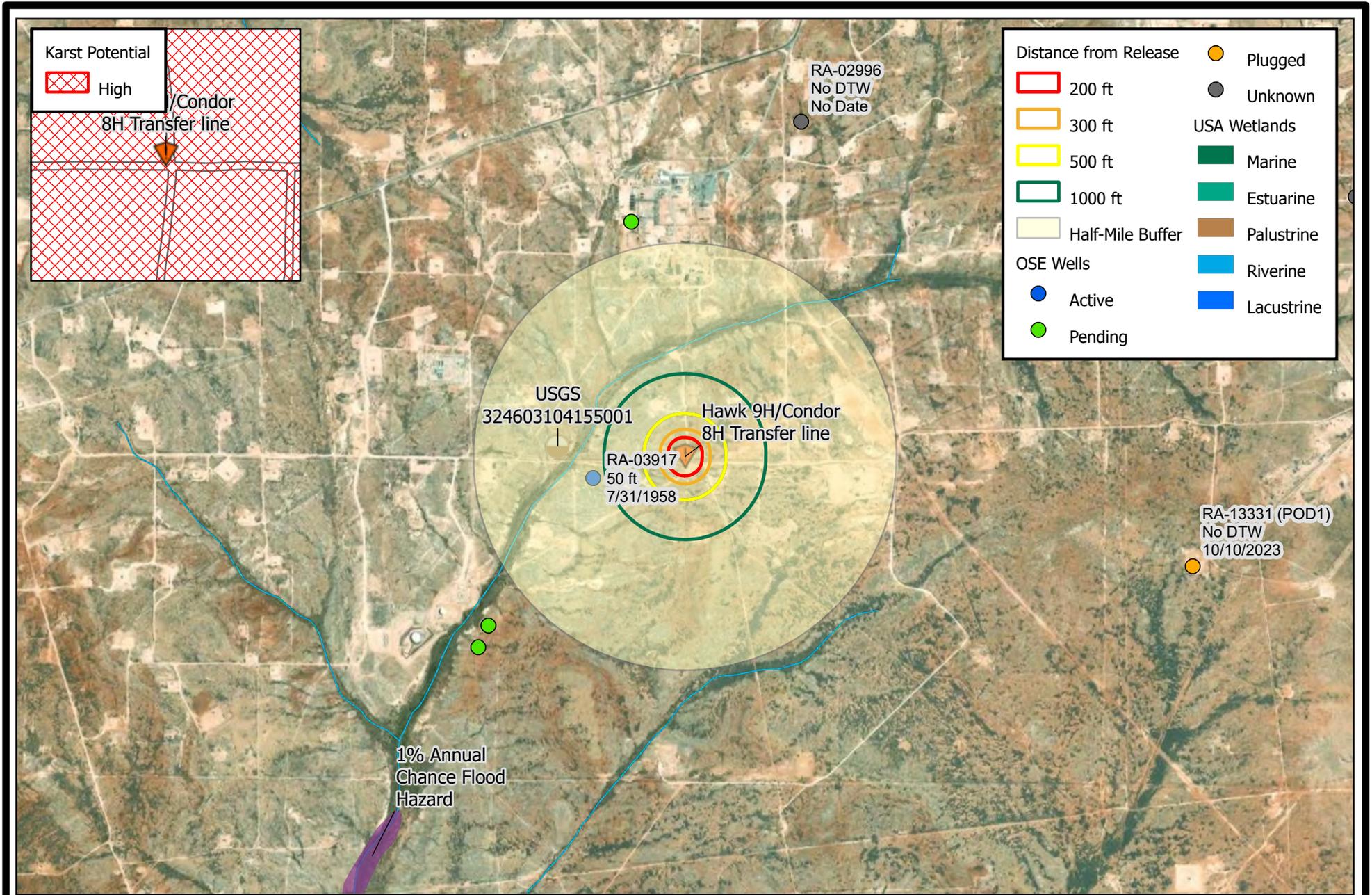
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Site Location Map
Hawk 9H/Condor 8H Transfer Line
nAPP2419842748
20240715-rileyPermian-hawk9Condor8

Plat 01
02/03/2025



Karst Potential

High

Hawk 9H/Condor 8H Transfer line

Distance from Release

- 200 ft
- 300 ft
- 500 ft
- 1000 ft
- Half-Mile Buffer

OSE Wells

- Active
- Pending
- Plugged
- Unknown

USA Wetlands

- Marine
- Estuarine
- Palustrine
- Riverine
- Lacustrine

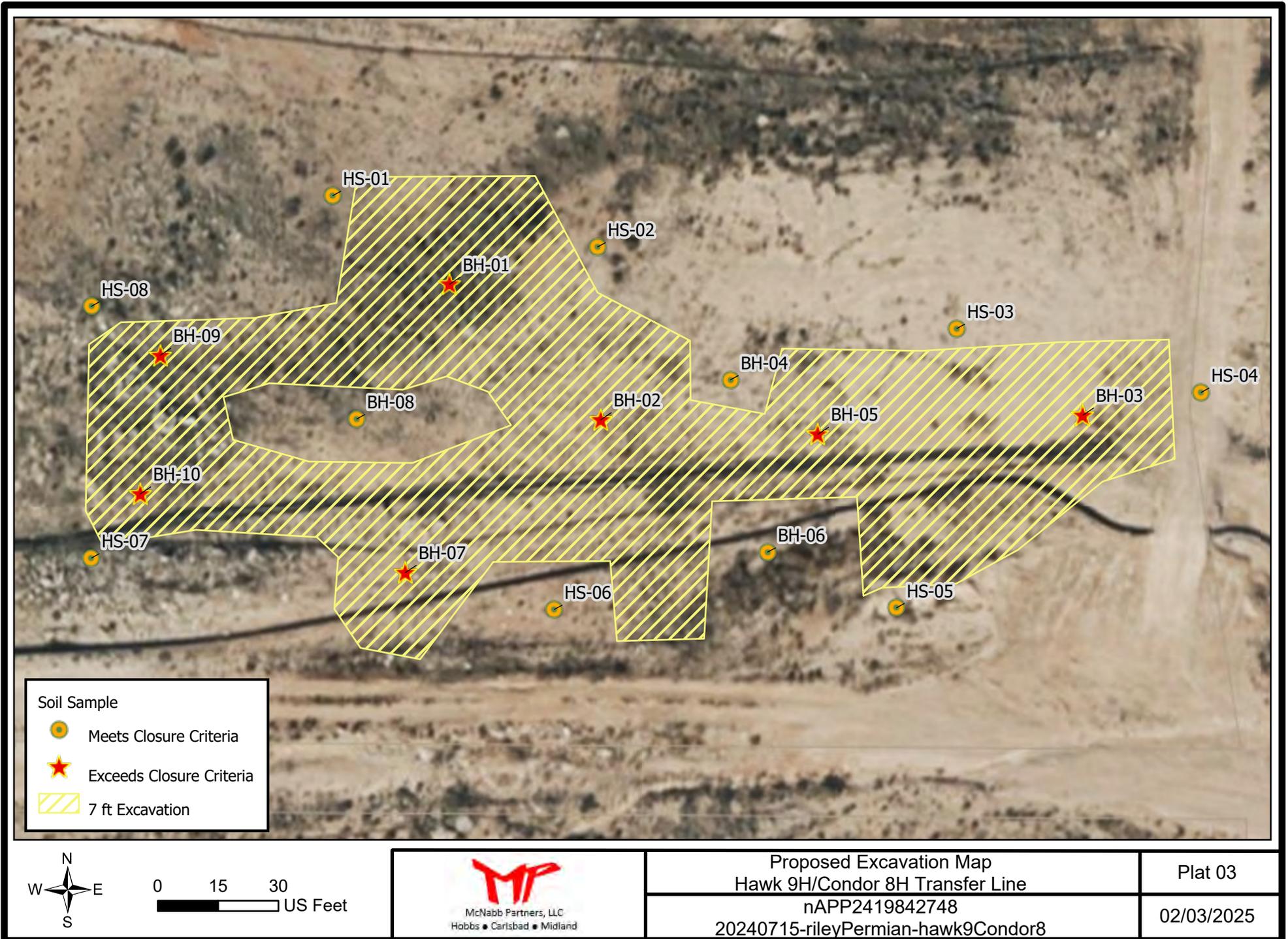
W N E S

0 0.25 0.5 Miles

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Site Characterization Map
Hawk 9H/Condor 8H Transfer Line
nAPP2419842748
20240715-rileyPermian-hawk9Condor8

Plat 02
02/03/2025



Tables



Table A. Analytical Summary
Hawk 9H-Condor 8H

Sample ID	Date	Depth (Feet)	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO+DRO (mg/kg)	MRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)
NMOCD Closure Criteria			600	--	--	--	--	100	10	50
Lateral Delineation Samples										
HS-01	12/20/2024	0.5	48	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
HS-02	12/20/2024	0.5	96	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
HS-03	12/20/2024	0.5	32	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
HS-04	12/20/2024	0.5	16	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
HS-05	12/20/2024	0.5	16	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
HS-06	12/20/2024	0.5	208	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
HS-07	12/20/2024	0.5	352	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
HS-08	12/20/2024	0.5	272	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
Vertical Delineation Samples										
BH-01	12/20/2024	0.5	2000	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-01	12/20/2024	4	10000	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-01	12/20/2024	7.5	128	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-02	12/20/2024	0.5	7600	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-02	12/20/2024	5	5680	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-02	12/20/2024	7.5	320	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-03	12/20/2024	0.5	4400	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-03	12/20/2024	3	8160	<10.0	20	20	<10.0	20	<0.050	<0.300
BH-03	12/20/2024	7	432	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-04	12/20/2024	0.5	592	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-04	12/20/2024	2	224	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-04	12/20/2024	4	336	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-05	12/20/2024	0.5	256	<10.0	717	717	352	1069	<0.050	<0.300
BH-05	12/20/2024	2	448	<10.0	453	453	250	703	<0.050	<0.300
BH-05	12/20/2024	7	144	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-06	12/20/2024	0.5	176	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-06	12/20/2024	2	176	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-06	12/20/2024	3	112	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-07	12/20/2024	0.5	5120	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-07	12/20/2024	4	3280	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-07	12/20/2024	7.5	192	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-08	12/20/2024	0.5	48	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-08	12/20/2024	2	96	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-09	12/20/2024	1	2280	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300

Table A. Analytical Summary
Hawk 9H-Condor 8H

Sample ID	Date	Depth (Feet)	Chloride (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO+DRO (mg/kg)	MRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)
NMOCD Closure Criteria			600	--	--	--	--	100	10	50
BH-09	12/20/2024	4	1920	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-09	12/20/2024	8	128	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-10	12/20/2024	1	2200	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-10	12/20/2024	4	2280	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
BH-10	12/20/2024	8	192	<10.0	<10.0	<20.0	<10.0	<30.0	<0.050	<0.300
Legend:										
Sample exceeds NMOCD Closure Criteria										

Appendix A

Communications



McNabb Partners, LLC
Hobbs • Carlsbad • Midland

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 413695

QUESTIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 413695
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2419842748
Incident Name	NAPP2419842748 HAWK 9H/CONDOR 8H TRANSFER LINE @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Hawk 9H/Condor 8H Transfer line
Date Release Discovered	07/15/2024
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	18,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/20/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact 917-497-6890 or dimitry@mcnabbpartners.com
Please provide any information necessary for navigation to sampling site	GPS coordinates: 32.767539, -104.259571

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 413695

CONDITIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 413695
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

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

Appendix B

Well Logs



McNabb Partners, LLC
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WR-15

IMPORTANT—READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM

1958 AUG 11 AM 9:32

APPLICATION FOR PERMIT

STATE ENGINEER OFFICE
SANTA FE

To appropriate the Underground Waters of the State of New Mexico

ROSWELL, XXX COUNTY UNDERGROUND BASIN

Application No. RA-3917 Book RA-12 Date Received August 6, 1958

1. Name of applicant Pan American Petroleum Corporation
Postoffice address Box 68 ; City or Town Hobbs
County of Lea , State of New Mexico

2. Source of water supply shallow (state whether artesian or shallow ground water basin)
Roswell
located in XXX County Underground Basin (name of underground stream, valley, artesian basin, etc.)

3. The well is to be located in the SE 1/4, NW 1/4, NE 1/4
of section 10 , Township 18 , Range 27 , N.M.P.M.
on land owned by State of New Mexico

4. Description of well: driller Ed. B. Burke , W.D. No. 111 ; depth to be drilled 100 feet;
diamenter (outside) of casing 7 inches; type of pump and power plant to be used
turbine pump Industrial engine

5. Quantity of water to be appropriated and beneficially used 3 acre feet (feet depth or acre feet per acre)
for oil well drilling operation purposes.

6. Acreage to be irrigated none acres
located and described as follows (describe only lands to be irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner

(Note: location of well and acreage to be irrigated must be shown on plat on reverse side.)

7. Time required to commence construction 1 day ;
Time required to complete the works 1 week ;
Time required to fully apply water to beneficial use .

8. Additional statements or explanations (including data on any other water rights appurtenant to above lands)
Malco "D" Lease, Eddy Co.

I, Pan American Petroleum Corporation, being first duly sworn upon my oath, depose and say that I have carefully read the foregoing statement and each and all of the items contained therein, and that the same are true to the best of my knowledge and belief.

Pan American Petroleum Corp, applicant
Subscribed and sworn to before me this 30 day of July , A. D., 1958

My Commission expires 9/26/61

FILED
13758
AUG 6 1958
OFFICE
GROUND WATER SUPERVISOR
ROSWELL, NEW MEXICO

APPROVAL OF THE STATE ENGINEER

Number of this permit RA-3917 Date received corrected _____
 Recorded in Book RA-12 Publication of notice ordered _____
 Page 3917 Name of paper _____
 Application received August 6, 1958 Affidavit of publication filed _____
 Date returned for correction _____ Date of approval August 6, 1958

This application is approved for 3 acre feet of water subject to all prior valid and existing rights to the use of the waters of said underground source and provided that the applicant complies with all rules and regulations of the State Engineer pertaining to the drilling of wells—
1. Well to be drilled by a driller licensed by the State Engineer. 2. Casing not to exceed 7" OD and depth not to exceed depth of valley fill. 3. Appropriation not to exceed 3 acre feet per acre for domestic and oil well drilling operations. 4. Well to be plugged upon completion of oil well drilling operations and plugging report to be filed on or before one year from the date of approval of this permit.

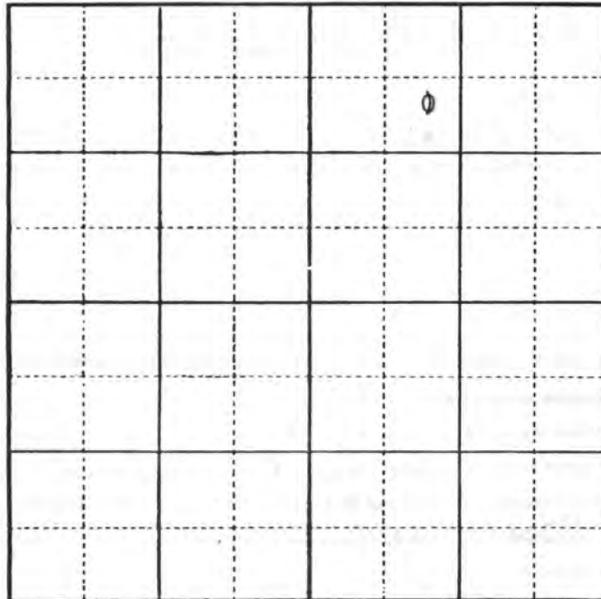
Works shall be completed and proofs filed on or before _____

Water shall be applied to beneficial use and proofs filed on or before _____

This is to certify that I have examined the above application for permit to appropriate the underground waters of the State of New Mexico and hereby approve the same subject to the foregoing provisions and conditions.

Witness my hand and seal this 6th day of August, A. D. 19 58.
S. E. Reynolds
 State Engineer

LOCATE WELL AND ACREAGE TO BE IRRIGATED AS ACCURATELY AS POSSIBLE ON FOLLOWING PLAT:
 Section (s) 10, Township 18, Range 27, N.M.P.M.



By: Fred H. Hennighausen
 Fred H. Hennighausen
 District Supervisor

INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4—Fill out all blanks fully and accurately.

Sec. 5—Irrigation use shall be stated in feet depth or acre feet of water per acre to be applied on the land. If for domestic, municipal, or other purposes, state total quantity in acre feet to be used annually. Domestic use may include the irrigation of not more than one acre of lawn and garden for noncommercial use.

Sec. 6—Describe only the lands to be irrigated. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7—Estimate time reasonably required to commence and to complete project.

Sec. 8—If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.



USGS Home
 Contact USGS
 Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico

Click to hide News Bulletins

- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

! Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
 site_no list =
 • 324603104155001

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 324603104155001 18S.27E.10.213223

Eddy County, New Mexico
 Latitude 32°46'03", Longitude 104°15'50" NAD27
 Land-surface elevation 3,479 feet above NAVD88
 The depth of the well is 130 feet below land surface.
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.
 This well is completed in the Artesia Group (313ARTS) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1961-12-28			D 62610		3430.16	NGVD29	1	Z		
1961-12-28			D 62611		3431.72	NAVD88	1	Z		
1961-12-28			D 72019	47.28			1	Z		
1962-01-04			D 62610		3430.13	NGVD29	1	Z		
1962-01-04			D 62611		3431.69	NAVD88	1	Z		
1962-01-04			D 72019	47.31			1	Z		
1963-01-07			D 62610		3428.69	NGVD29	1	Z		
1963-01-07			D 62611		3430.25	NAVD88	1	Z		
1963-01-07			D 72019	48.75			1	Z		
1963-07-23			D 62610		3429.23	NGVD29	1	Z		
1963-07-23			D 62611		3430.79	NAVD88	1	Z		
1963-07-23			D 72019	48.21			1	Z		
1963-08-30			D 62610		3429.16	NGVD29	1	Z		
1963-08-30			D 62611		3430.72	NAVD88	1	Z		
1963-08-30			D 72019	48.28			1	Z		

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement
1963-09-04			D	62610	3431.85	NGVD29	1		Z	
1963-09-04			D	62611	3433.41	NAVD88	1		Z	
1963-09-04			D	72019	45.59		1		Z	
1963-10-01			D	62610	3431.71	NGVD29	1		Z	
1963-10-01			D	62611	3433.27	NAVD88	1		Z	
1963-10-01			D	72019	45.73		1		Z	
1963-11-22			D	62610	3431.28	NGVD29	1		Z	
1963-11-22			D	62611	3432.84	NAVD88	1		Z	
1963-11-22			D	72019	46.16		1		Z	
1964-01-09			D	62610	3430.52	NGVD29	1		Z	
1964-01-09			D	62611	3432.08	NAVD88	1		Z	
1964-01-09			D	72019	46.92		1		Z	
1966-01-24			D	62610	3436.15	NGVD29	1		Z	
1966-01-24			D	62611	3437.71	NAVD88	1		Z	
1966-01-24			D	72019	41.29		1		Z	
1984-02-09			D	62610	3455.28	NGVD29	1		Z	
1984-02-09			D	62611	3456.84	NAVD88	1		Z	
1984-02-09			D	72019	22.16		1		Z	
1984-03-01			D	62610	3456.08	NGVD29	1		Z	
1984-03-01			D	62611	3457.64	NAVD88	1		Z	
1984-03-01			D	72019	21.36		1		Z	
1989-02-02			D	62610	3458.03	NGVD29	1		Z	
1989-02-02			D	62611	3459.59	NAVD88	1		Z	
1989-02-02			D	72019	19.41		1		Z	
1994-02-24			D	62610	3444.77	NGVD29	1		S	
1994-02-24			D	62611	3446.33	NAVD88	1		S	
1994-02-24			D	72019	32.67		1		S	
1999-01-19			D	62610	3445.71	NGVD29	1		S	USGS
1999-01-19			D	62611	3447.27	NAVD88	1		S	USGS
1999-01-19			D	72019	31.73		1		S	USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2025-02-03 08:18:44 EST

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Appendix C

Certificates of Analysis





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

December 31, 2024

DIMITRY NIKANOROV

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: HAWK 9H CONDOR 8H

Enclosed are the results of analyses for samples received by the laboratory on 12/23/24 12:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: HS - 01 0.5' (H247748-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38		
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	192	96.1	200	3.50		
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	193	96.7	200	5.10		
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND						

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: HS - 02 0.5' (H247748-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38		
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	192	96.1	200	3.50		
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	193	96.7	200	5.10		
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND						

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: HS - 03 0.5' (H247748-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38		
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	192	96.1	200	3.50		
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	193	96.7	200	5.10		
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND						

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: HS - 04 0.5' (H247748-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38	
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95	
Total BTEX	<0.300	0.300	12/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	192	96.1	200	3.50	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	193	96.7	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: HS - 05 0.5' (H247748-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38	
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95	
Total BTEX	<0.300	0.300	12/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/27/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	192	96.1	200	3.50	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	193	96.7	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: HS - 06 0.5' (H247748-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38		
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/27/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	192	96.1	200	3.50		
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	193	96.7	200	5.10		
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND						

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: HS - 07 0.5' (H247748-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38	
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95	
Total BTEX	<0.300	0.300	12/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/27/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	192	96.1	200	3.50	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	193	96.7	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: HS - 08 0.5' (H247748-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38		
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	12/27/2024	ND	448	112	400	7.41		

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	12/27/2024	ND	192	96.1	200	3.50		
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	193	96.7	200	5.10		
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND						

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 01 0.5' (H247748-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38	
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95	
Total BTEX	<0.300	0.300	12/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	12/27/2024	ND	448	112	400	7.41	

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	12/27/2024	ND	192	96.1	200	3.50	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	193	96.7	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 01 4' (H247748-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38	
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95	
Total BTEX	<0.300	0.300	12/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	12/27/2024	ND	448	112	400	7.41	

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	12/27/2024	ND	192	96.1	200	3.50	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	193	96.7	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 01 7.5' (H247748-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38	
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95	
Total BTEX	<0.300	0.300	12/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/27/2024	ND	448	112	400	7.41	

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	12/27/2024	ND	192	96.1	200	3.50	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	193	96.7	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 02 1' (H247748-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38	
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95	
Total BTEX	<0.300	0.300	12/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	12/27/2024	ND	448	112	400	7.41	

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	12/27/2024	ND	192	96.1	200	3.50	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	193	96.7	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 02 5' (H247748-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38	
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95	
Total BTEX	<0.300	0.300	12/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	12/27/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 02 7.5' (H247748-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38	
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95	
Total BTEX	<0.300	0.300	12/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/27/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 03 0.5' (H247748-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38	
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95	
Total BTEX	<0.300	0.300	12/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	12/27/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 03 3' (H247748-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38		
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95		
Total BTEX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8160	16.0	12/27/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	199	99.6	200	2.73		
DRO >C10-C28*	20.0	10.0	12/26/2024	ND	185	92.7	200	3.11		
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND						

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 03 7' (H247748-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.93	96.7	2.00	3.38	
Toluene*	<0.050	0.050	12/26/2024	ND	2.03	102	2.00	3.90	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.98	98.8	2.00	3.62	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.79	96.4	6.00	3.95	
Total BTEX	<0.300	0.300	12/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	12/27/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 04 0.5' (H247748-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	12/27/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 04 2' (H247748-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/27/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 04 4' (H247748-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/27/2024	ND	448	112	400	7.41	

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	12/27/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 05 0.5' (H247748-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/27/2024	ND	448	112	400	7.41	

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	12/27/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	717	10.0	12/27/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	352	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 05 2' (H247748-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/27/2024	ND	448	112	400	7.41	

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	12/27/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	453	10.0	12/27/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	230	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 05 4' (H247748-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/27/2024	ND	448	112	400	7.41	

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	12/27/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 06 0.5' (H247748-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/27/2024	ND	448	112	400	7.41	

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	12/27/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 06 2' (H247748-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/27/2024	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	12/27/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 06 3' (H247748-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37		
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66		
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84		
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77		
Total BTEX	<0.300	0.300	12/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/27/2024	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	12/27/2024	ND	199	99.6	200	2.73		
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	185	92.7	200	3.11		
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 07 1' (H247748-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	12/27/2024	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	12/27/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 07 4' (H247748-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	12/27/2024	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	12/27/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 07 7.5' (H247748-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37		
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66		
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84		
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77		
Total BTEX	<0.300	0.300	12/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/27/2024	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	12/27/2024	ND	199	99.6	200	2.73		
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	185	92.7	200	3.11		
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND						

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 08 0.5' (H247748-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/27/2024	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	12/27/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 08 2' (H247748-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/27/2024	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	12/27/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 09 1' (H247748-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	12/27/2024	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	12/27/2024	ND	199	99.6	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	185	92.7	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 09 4' (H247748-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	12/27/2024	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	12/27/2024	ND	195	97.4	200	0.174	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	190	95.0	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 09 8' (H247748-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/27/2024	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	12/27/2024	ND	195	97.4	200	0.174	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	190	95.0	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 10 1' (H247748-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37	
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66	
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84	
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77	
Total BTEX	<0.300	0.300	12/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	12/27/2024	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	12/27/2024	ND	195	97.4	200	0.174	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	190	95.0	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 10 4' (H247748-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37		
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66		
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84		
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77		
Total BTEX	<0.300	0.300	12/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	12/27/2024	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	12/27/2024	ND	195	97.4	200	0.174		
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	190	95.0	200	1.27		
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND						

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Analytical Results For:

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

Received:	12/23/2024	Sampling Date:	12/20/2024
Reported:	12/31/2024	Sampling Type:	Soil
Project Name:	HAWK 9H CONDOR 8H	Sampling Condition:	Cool & Intact
Project Number:	TRANSFER LINE	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY CO., NM		

Sample ID: BH - 10 8' (H247748-37)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/27/2024	ND	1.95	97.6	2.00	4.37		
Toluene*	<0.050	0.050	12/27/2024	ND	1.97	98.5	2.00	3.66		
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	1.98	98.9	2.00	3.84		
Total Xylenes*	<0.150	0.150	12/27/2024	ND	5.95	99.2	6.00	3.77		
Total BTEX	<0.300	0.300	12/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/27/2024	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	12/27/2024	ND	195	97.4	200	0.174		
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	190	95.0	200	1.27		
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND						

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: McNabb Partners Project Manager: Dmitry Nikanorov Address: 5014 W Carlsbad Hwy City: Hobbs State: NM Zip: 88240 Phone #: 917-497-6890 Fax #: Project #: Project Location: Hawk 9H Condor 8H (Transfer Line) Project Name: Eddy Co. NM Sampler Name: Auden Escalada Dmitry Nikanorov		P.O. #: Company: McNabb Partners Attn: Address: City: State: Zip: Phone #: Fax #:	
---	--	---	--

Lab I.D.	Sample I.D.	Observed Temp. °C	Corrected Temp. °C	MATRIX						PRESERV		DATE	TIME	TPH	Chloride	BTEX
				(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
HS-01	0.5'	G	1	X								12/20/24	9:00	X	X	X
HS-02	0.5'	G	1	X								12/20/24	9:05	X	X	X
HS-03	0.5'	G	1	X								12/20/24	9:10	X	X	X
HS-04	0.5'	G	1	X								12/20/24	9:15	X	X	X
HS-05	0.5'	G	1	X								12/20/24	9:20	X	X	X
HS-06	0.5'	G	1	X								12/20/24	9:25	X	X	X
HS-07	0.5'	G	1	X								12/20/24	9:30	X	X	X
HS-08	0.5'	G	1	X								12/20/24	9:35	X	X	X
BH-01	0.5'	G	1	X								12/20/24	9:40	X	X	X
BH-01	4'	G	1	X								12/20/24	9:45	X	X	X

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Relinquished By: [Signature] **Date:** 12/23/24 **Time:** 12:33 PM

Received By: [Signature] **Date:** 12/23/24 **Time:** 12:33 PM

Delivered By: (Circle One) **Observed Temp. °C:** 1.5 **Corrected Temp. °C:** 0.9

Sample Condition: Intact Cool Yes No

Checked By: [Signature]

Turnaround Time: Standard Rush Add'l Phone #:

Bacteria (only) Sample Condition: Intact Cool Yes No

Thermometer ID #140 **Correction Factor -0.6°C**

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



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 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: McNabb Partners Project Manager: Dmitry Nikanorov Address: 5014 W Carlsbad Hwy City: Hobbs State: NM Zip: 88240 Phone #: 917-497-6890 Fax #: Project #: Project Owner: Riley Permian Project Name: Hawk 9H Condor 8H (Transfer Line) Project Location: Eddy Co, NM Sampler Name: Auden Escalada, Dmitry Nikanorov				P.O. #: Company: McNabb Partners Attn: Address: City: State: Zip: Phone #: Fax #:		BILL TO		ANALYSIS REQUEST	
<p><small>PLEASE NOTE: Liability and Damages: Cardinal's liability and damage extends remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the service. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.</small></p>									
Reinquished By: <i>DN</i> Date: <i>12/23/24</i> Time: <i>12:35</i>		Received By: <i>Steeleignous</i> Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____		REMARKS: _____			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: <i>1.5</i> Corrected Temp. °C: <i>0.9</i>		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: <i>SK</i> (Initials)			
Turnaround Time: _____ Thermometer ID #140 Correction Factor -0.6°C		Standard <input checked="" type="checkbox"/> RUSH Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Observed Temp. °C Corrected Temp. °C		Add'l Phone #: _____ Email address: _____			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	TPH	Chloride	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
<i>12/17/24</i>																
<i>11</i>	BH-01	7.5'	G 1	X								12/20/24	9:50	X	X	X
<i>12</i>	BH-02	1'	G 1	X								12/20/24	9:55	X	X	X
<i>13</i>	BH-02	5'	G 1	X								12/20/24	10:00	X	X	X
<i>14</i>	BH-02	7.5'	G 1	X								12/20/24	10:05	X	X	X
<i>15</i>	BH-03	0.5'	G 1	X								12/20/24	10:10	X	X	X
<i>16</i>	BH-03	3'	G 1	X								12/20/24	10:15	X	X	X
<i>17</i>	BH-03	7'	G 1	X								12/20/24	10:20	X	X	X
<i>18</i>	BH-04	0.5'	G 1	X								12/20/24	10:25	X	X	X
<i>19</i>	BH-04	2'	G 1	X								12/20/24	10:30	X	X	X
<i>20</i>	BH-04	4'	G 1	X								12/20/24	10:35	X	X	X



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 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: McNabb Partners Project Manager: Dmitry Nikanorov Address: 5014 W Carlsbad Hwy City: Hobbs State: NM Zip: 88240 Phone #: 917-497-6890 Fax #: Project #: Project Name: Hawk 9H Condor 8H (Transfer Line) Project Location: Eddy Co, NM Sampler Name: Auden Escobedo, Dmitry Nikanorov		P.O. #: Company: McNabb Partners Attn: Address: City: State: Zip: Phone #: Fax #:	
--	--	---	--

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	Chloride	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
81	BH-05	G	1	X						12/20/24	10:40	X	X	
82	BH-05	G	1	X						12/20/24	10:45	X	X	
83	BH-05	G	1	X						12/20/24	10:50	X	X	
84	BH-06	G	1	X						12/20/24	10:55	X	X	
85	BH-06	G	1	X						12/20/24	11:00	X	X	
84	BH-06	G	1	X						12/20/24	11:05	X	X	
87	BH-07	G	1	X						12/20/24	11:10	X	X	
88	BH-07	G	1	X						12/20/24	11:15	X	X	
89	BH-07	G	1	X						12/20/24	11:20	X	X	
90	BH-08	G	1	X						12/20/24	11:25	X	X	

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Relinquished By: Date: 12/28/24 Time: 09:03 Received By: Sheekigneyf	Delivered By: (Circle One) Observed Temp. °C: 15.5 Corrected Temp. °C: 15.5 Sample Condition: Cool Intact Checked By: (Initials) SKZ	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C: Corrected Temp. °C:
--	---	---

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinalabsnm.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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BILL TO

ANALYSIS REQUEST

Company Name: McNabb Partners		P.O. #:	
Project Manager: Dmirity Nikanorov		Company: McNabb Partners	
Address: 5014 W Carlsbad Hwy		Attn:	
City: Hobbs	State: NM	Zip: 88240	Address:
Phone #: 917-497-6890	Fax #:	City:	State:
Project #:		Project Owner: Riley Permian	Zip:
Project Name: Hawk 9H Condor 8H (Transfer Line)		Phone #:	Fax #:
Project Location: Eddy Co. NM			
Sampler Name: Auden Escajeda, Dmirity Nikanorov			
<small>FOR LAB USE ONLY</small>			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS
		GROUNDWATER	WASTEWATER
		SOIL	OIL
		SLUDGE	OTHER:
		ACID/BASE:	ICE / COOL
		OTHER:	
		DATE	TIME
		TPH	Chloride
		BTEX	

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Relinquished By: DN	Date: 12/23/24	Time: 9:03	Received By: Speedigney	Date: 12/23/24	Time: 12:15
Delivered By: (Circle One)	Observed Temp. °C: 15.5	Sample Condition: Cool Intact	CHECKED BY: (Initials) SR	Turnaround Time: Standard	Bacteria (only): Sample Condition Cool Intact
Sampler - UPS - Bus - Other:	Corrected Temp. °C: 0.9	Thermometer ID #140	Correction Factor -0.6°C	Standard <input checked="" type="checkbox"/>	Corrected Temp. °C:
REMARKS:					

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO ANALYSIS REQUEST

Company Name: McNabb Partners
 Project Manager: Dinitry Nikanorov
 Address: 5014 W Carlsbad Hwy
 City: Hobbs State: NM Zip: 88240
 Phone #: 917-497-6890 Fax #: Project Owner: Riley Permian
 Project #: Project Name: Hawk 9H Condor 8H (Transfer Line)
 Project Location: Eddy Co. NM
 Sampler Name: Auden Escajeda, Dinitry Nikanorov
 P.O. #: Company: McNabb Partners
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH	Chloride	BTEX	HOLD
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						
4211	BH-02	G	1	X							12/20/24	12:20	X	X	X	HOLD
42	BH-04	G	1	X							12/20/24	12:25	X	X	X	HOLD
43	BH-04	G	1	X							12/20/24	12:30	X	X	X	HOLD
44	BH-05	G	1	X							12/20/24	12:35	X	X	X	HOLD
45	BH-05	G	1	X							12/20/24	12:40	X	X	X	HOLD
46	BH-09	G	1	X							12/20/24	12:45	X	X	X	HOLD
47	BH-10	G	1	X							12/20/24	12:50	X	X	X	HOLD

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Relinquished By: *DK* Date: *12/20/24* Time: *1:03*
 Received By: *Spotrigney*
 Turnaround Time: Standard Add'l Phone #:
 Bacteria (only) Sample Condition: Cool Intact Yes No Corrected Temp. °C: Yes No

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Santa Fe, NM 87505

QUESTIONS

Action 428140

QUESTIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 428140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2419842748
Incident Name	NAPP2419842748 HAWK 9H/CONDOR 8H TRANSFER LINE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Hawk 9H/Condor 8H Transfer line
Date Release Discovered	07/15/2024
Surface Owner	Federal

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: Normal Operations Flow Line - Production Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Normal Operations Flow Line - Production Produced Water Released: 200 BBL Recovered: 160 BBL Lost: 40 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Normal Operations Flow Line - Production Condensate Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
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.

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QUESTIONS, Page 2

Action 428140

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 428140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>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.</i>	

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: 07/30/2024
--	--

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QUESTIONS, Page 3

Action 428140

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 428140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
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 1 and 5 (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 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	10000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1069
GRO+DRO (EPA SW-846 Method 8015M)	717
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

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	02/17/2025
On what date will (or did) the final sampling or liner inspection occur	03/17/2025
On what date will (or was) the remediation complete(d)	04/17/2025
What is the estimated surface area (in square feet) that will be reclaimed	15658
What is the estimated volume (in cubic yards) that will be reclaimed	4059
What is the estimated surface area (in square feet) that will be remediated	15658
What is the estimated volume (in cubic yards) that will be remediated	4059

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 428140

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 428140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(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	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
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.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(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.

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 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: Dmitry Nikanorov Email: dimitry@mcnabbpartners.com Date: 02/05/2025
--	---

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 5

Action 428140

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 428140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 428140

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 428140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	413695
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/20/2024
What was the (estimated) number of samples that were to be gathered	30
What was the sampling surface area in square feet	18000

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 428140

CONDITIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 428140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The release area will need confirmation floor/sidewall samples representing no more than 200 ft2. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. All off-pad areas must meet reclamation/revegetation standards set forth in the OCD Spill Rule. The work will need to be completed in 90 days after the report has been reviewed.	2/13/2025