

| Spill Dimensions to Volume of Release | | | |
|---------------------------------------|--|-----------------|-----------------|
| Input | volume of affected soil | [feet^3] | 72814.00 |
| Input | Porosity: typically is .35 to .40 for most soils | [-] | 0.35 |
| Input | Proportion of porosity filled with release fluid [0,1] | [-] | 0.10 |
| | | | |
| Output | volume of fluid | [feet^3] | 2548.5 |
| | | [gal] | 19064.0 |
| | | Barrels | 453.9 |

| From GIS | |
|------------|-------|
| Sq. Ft | 20804 |
| Depth (ft) | 3.5 |
| Cu. Ft | 72814 |



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

July 19, 2024

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

RE: Revised Remediation and Reclamation Workplan
Incident ID: nAPP2223549434
Section 35 Water Transfer Line
Project ID: 20220819-vintage-section35

NMOCD:

McNabb Partners LLC submits this remediation and reclamation workplan on behalf of Vintage Drilling, LLC.

The release occurred on August 19, 2022 from a separation at a poly fuse of the water transfer line. The calculated volume of the release was estimated between 100 and 500 bbls of produced water. No fluids were recovered. Surface is privately owned.

This report presents a revision of the Remediation Plans previously submitted to NMOCD and denied. Communications are located in Appendix A.

Site characterization completed by R T Hicks Consultants is also summarized, with additional depth to water information to support closure criteria.

A variance request for a sample grid size of 300 square feet is included.

1. Characterization

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

1.1. Site Map

Plate 1 shows the mapped release extent in an off-site area. Based on location of mapped flowline, topography and current site assessment, the source of the release is presumed to be located at approximately 32.7047400, -104.3601660 (Lat, Long; NAD83) and likely flowed to the east. The release extent covered an area of approximately 20,806 sq. ft.

Figures 1 and 2 show current views of the release area.



Incident ID: nAPP2223549434
Section 35 Water Transfer Line
Project ID: 20220819-vintage-section35



Figure 1: View of release area facing west from the eastern extent



Figure 2: View of source facing east from within the western extent of the release area.

1.2. Depth to Ground Water

The nearest measurement of depth to water is from a soil boring which was drilled by Taylor Water Well Service in May 2023 to a depth of 102 ft bgs. It was drilled at the site of L-11 sample location within the release extent. The boring is identified on Plate 2 as Misc-439 (RA 13327 POD 2). Depth to water gauged at 77-feet below ground surface (bgs). This boring has been plugged. The driller log is located in Appendix B.



Incident ID: nAPP2223549434
 Section 35 Water Transfer Line
 Project ID: 20220819-vintage-section35

1.3. Wellhead Protection Area

Plate 3 shows that the release extent is:

- Not within incorporated municipal boundaries or within a defined municipal fresh water well field.
- Within ½-mile of any documented water sources (wells and springs). The water well RA-04022 is located 0.41 miles to the northeast and RA-90209/RA-90210 are located 0.46 miles to the southeast of the location. Base on available OSE records and location these wells are for domestic/stock use only.
- Not within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes.
- Not within 1000 feet of any other freshwater well or spring.

1.4. Distance to Nearest Significant Water Course

Plate 4 shows that the release extent is:

- Not within ½ mile of a significant water course. The closest watercourse (Pecos River) is located 1.39 miles east/southeast of the release extent.
- Not within 300 feet of a continuously flowing watercourse or any other significant watercourse.
- Not within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

| Site Characterization | | |
|--|---------|--|
| What is the shallowest depth to groundwater (ft bgs) | Plate 2 | 77 |
| What measure was used to determine this? | | OSE Database |
| Did this release impact ground or surface water? | | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | | |
| <ul style="list-style-type: none"> • A continuously flowing watercourse or any other significant watercourse. Plate 4 | | 1.39 miles to the SW |
| <ul style="list-style-type: none"> • Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark). Plate 4 | | 2.6 miles to NE (not seen on map extent) |
| <ul style="list-style-type: none"> • An occupied permanent residence, school, hospital, institution or church. Plate 5 | | Ranch 2125 ft to SE Multiple Ranches outside of ½ mile buffer |
| <ul style="list-style-type: none"> • A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes. Plate 3 | | 0.41 miles to the NE 0.46 miles to the SE |
| <ul style="list-style-type: none"> • Any other fresh water well or spring. Plate 3 | | 0.41 miles to the NE 0.46 miles to the SE |



Incident ID: nAPP2223549434
 Section 35 Water Transfer Line
 Project ID: 20220819-vintage-section35

| | |
|---|------------------------------------|
| <ul style="list-style-type: none"> Incorporated municipal boundaries or a defined municipal fresh water well field. Plate 3 | >5 miles; (not seen on map extent) |
| <ul style="list-style-type: none"> A wetland. Plate 6 | 1 mile West SW |
| <ul style="list-style-type: none"> A subsurface mine. Plate 7 | >5 miles |
| <ul style="list-style-type: none"> A (non-karst) unstable area. | >1 miles |
| <ul style="list-style-type: none"> Categorize the risk of this well/site being in a karst geology. Plate 8 | Medium |
| <ul style="list-style-type: none"> A 100-year floodplain. Plate 9 | 1.2 miles to the east |
| Did the release impact areas not on an exploration, development, production, or storage site? | Yes |

1.5. Soil/Waste Characteristics

The USDA Natural Resources Conservation Service (NRCS) soil survey¹ describes the upper 7-feet of lithology as:

- Reagan Loam, 1 to 3% slopes, eroded: with a composition of
 - H1 - 0 to 8 inches: loam
 - H2 - 8 to 82 inches: loam

The lithology as described by the NRCS is consistent with drillers log (Appendix B).

Sampling events for site characterization and delineation were completed by R T Hicks Consultants. Summary of analytical for events dated 9/28/2022, 12/20/2022, 05/31/2023 and 12/20/2023 and are included in Table A. Plate 10 shows the sample point locations which were consistent for each sample event. Certificates of analysis are included in Appendix C.

Soil samples were obtained at each sample location from borings at various depths for laboratory analysis of chloride, TPH, Benzene, and BTEX.

Horizontal delineation was confirmed with laboratory analysis confirming most stringent closure criteria listed below at:

- L-2: SSA-2 (9/28/2022; 0-4 ft and 4.3 ft depths)
- L-12: SSA-12 (9/28/2022; 0-4 ft and 4.3 ft depths)
- L-14: SSA-14 (9/28/2022; 0-4 ft and 4.3 ft depths)
- L17: SSA-17 (9/28/2022; 0-4 ft and 4.3 ft depths)

Two areas within the release extent showed that the level of impact did not exceed the most stringent closure criteria as seen in Table 1 of 19.15.29 NMAC as shown in table below.

- L-6: SSA-6 (9/28/2022; 0-4 ft and 4.3 ft depths)
- L-9: SSA-9 (9/28/2022; 0-4 ft and 4.3 ft depths) – within an area that did not appear to have release impact.

¹ NRCS Field Guide and the NRCS web survey tool (<https://websoilsurvey.nrcs.usda.gov/app/>)



Incident ID: nAPP2223549434
 Section 35 Water Transfer Line
 Project ID: 20220819-vintage-section35

Vertical delineation was limited to:

- L-4: SSA-4 (9/28/2022; 4.3 ft depth).
- L-5: SSA-5 - Hydrocarbon delineation at 4.3 ft (9/28/2022).
- L-7: SSA-7 - Hydrocarbon delineation at 4.3 ft (9/28/2022).
- L-11: SSA-11 – Hydrocarbon delineation at 9 ft (12/20/2022).

Serial soil sampling at the same locations implies downward movement of chlorides over time. Vertical delineation will be achieved at the time of remediation.

Closure Criteria as listed in Table 1 of 19.15.29 NMAC, where depth to water is 77 feet bgs, is defined as:

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

2. Sample Grid Variance Request

Vintage Drilling, LLC respectfully asks NMOCD for variance approval for a 300 sq ft sampling grid for both base and wall confirmation samples.

The requested sample grid size will provide equal protection of fresh water, public health, and the environment according to the “10% Condition”² that states sample sizes should be no more than 10% of the population (release area) as long as it does not exceed 1,000³ samples. Applying the 10% Condition, a sample grid size of 300 sq ft meets this condition.

| Population (sq ft area) | Sample Size (grid sq. ft.) | No. of Sample Grids | % of Population (sq. ft. area) | Representative of Population | Meets 10% Condition |
|-------------------------|----------------------------|---------------------|--------------------------------|------------------------------|---------------------|
| 20,806 | 200 | 104 | 1.0% | 99.0% | Yes |
| 20,806 | 300 | 69 | 1.4% | 98.6% | Yes |
| 20,806 | 400 | 52 | 2% | 98% | Yes |
| 20,806 | 500 | 42 | 2% | 98% | Yes |
| 20,806 | 1,000 | 21 | 5% | 95% | Yes |
| 20,806 | 2,000 | 10 | 10% | 90% | Equal |
| 20,806 | 3,000 | 7 | 14% | 86% | No |

² <https://web.ma.utexas.edu/users/mks/M358KInstr/TenPctCond.pdf>

³ <https://tools4dev.org/resources/how-to-choose-a-sample-size/>



Incident ID: nAPP2223549434
 Section 35 Water Transfer Line
 Project ID: 20220819-vintage-section35

The proposed 300 sq. ft. sampling grid statistically provides equal significance of laboratory results as a 200 sq. ft. sampling grid for the constituents listed in Table 1 of 19.15.29 NMAC, where

- The 10% Condition is met.
- The proposed sample grid size represents 98.6% of the population (release area).

3. Remediation & Restoration Workplan

Vintage Drilling, LLC proposes to excavate the area within the release extent until all bases and walls meet closure criteria per Table 1 of 19.15.29 NMAC, where depth to water is 77 feet bgs, as summarized above.

| Remediation Plan | |
|---|---|
| Requesting a remediation plan approval with this submission? | Yes |
| Have the lateral and vertical extents of the contamination been fully delineated (<i>attach report demonstrating lateral and vertical extents</i>)? | Horizontal delineation – yes Additional vertical delineation will be obtained during remediation |
| Was this release entirely contained within a lined containment area? | No |
| Soil Contamination Sampling (Highest observable value for each in mg/kg) | |
| • Chloride | 22000 SSA-15 4.3 ft |
| • TPH (DRO+GRO+MRO) | 20900 L-8 0-2 ft |
| • GRO+DRO | 12000 L-8 0-2 ft |
| • BTEX | 0.528 SSA-8 0-4 ft |
| • Benzene | <0.3 |
| On what estimated date will the remediation commence | Within 30 days of plan approval |
| On what date will (or did) the final sampling or liner inspection occur | Within 60 days of initiating excavation. |
| On what date will (or was) the remediation completed | Within 60 days of initiating excavation. |
| What is the estimated surface area (in square feet) that will be reclaimed | 20,806 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 5704 |
| What is the estimated surface area (in square ft) that will be remediated | 20,806 |
| What is the estimated volume (in cubic yards) that will be remediated | 5704 |



Incident ID: nAPP2223549434
 Section 35 Water Transfer Line
 Project ID: 20220819-vintage-section35

| | |
|--|-------------------------|
| The remediation will (or is expected to) utilize the following processes to remediate/reduce contaminants: | |
| <ul style="list-style-type: none"> Excavation and off-site disposal | Yes – Lea Land Landfill |

Based on available analytical data, the following table estimated the depths of excavation for the area around each of the sampling locations within the release extent, for an estimated average of 7.11 ft excavation depth.

| Sample Location | Area (Sq Ft) | Depth (ft) | Cubic Feet | Cubic Yards |
|-----------------|--------------|------------|---------------|-------------|
| L1 | 1000 | 8 | 8000 | |
| L3 | 1400 | 6 | 8400 | |
| L4 | 1500 | 4 | 6000 | |
| L5 | 1700 | 16 | 27200 | |
| L6 | 1950 | 0 | 0 | |
| L7 | 1600 | 8 | 12800 | |
| L8 | 1400 | 8 | 11200 | |
| L9 | 1200 | 0 | 0 | |
| L10 | 1822 | 10 | 18225 | |
| L11 | 1288 | 16 | 20609 | |
| L13 | 3000 | 6 | 18000 | |
| L15 | 1100 | 8 | 8800 | |
| L16 | 1845 | 8 | 14761 | |
| | | | | |
| Total | 20806 | | 153995 | 5704 |

An estimated 5704 cubic yards of material will be excavated and hauled off-site to an approved disposal facility. Remediation will begin within 30-days of workplan approval. Anticipate that project will be completed 60 days thereafter. Upon confirmation samples meeting the above closure criteria, we will submit a closure report within 45-days of laboratory results.

The area will be backfilled to contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover will include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site.



Incident ID: nAPP2223549434
Section 35 Water Transfer Line
Project ID: 20220819-vintage-section35

The location will be restored, reclaimed and revegetated as an area not in use per 19.15.29.13.A-D NMAC.

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

Sincerely,

A handwritten signature in black ink that reads "Andrew Parker". The signature is written in a cursive style.

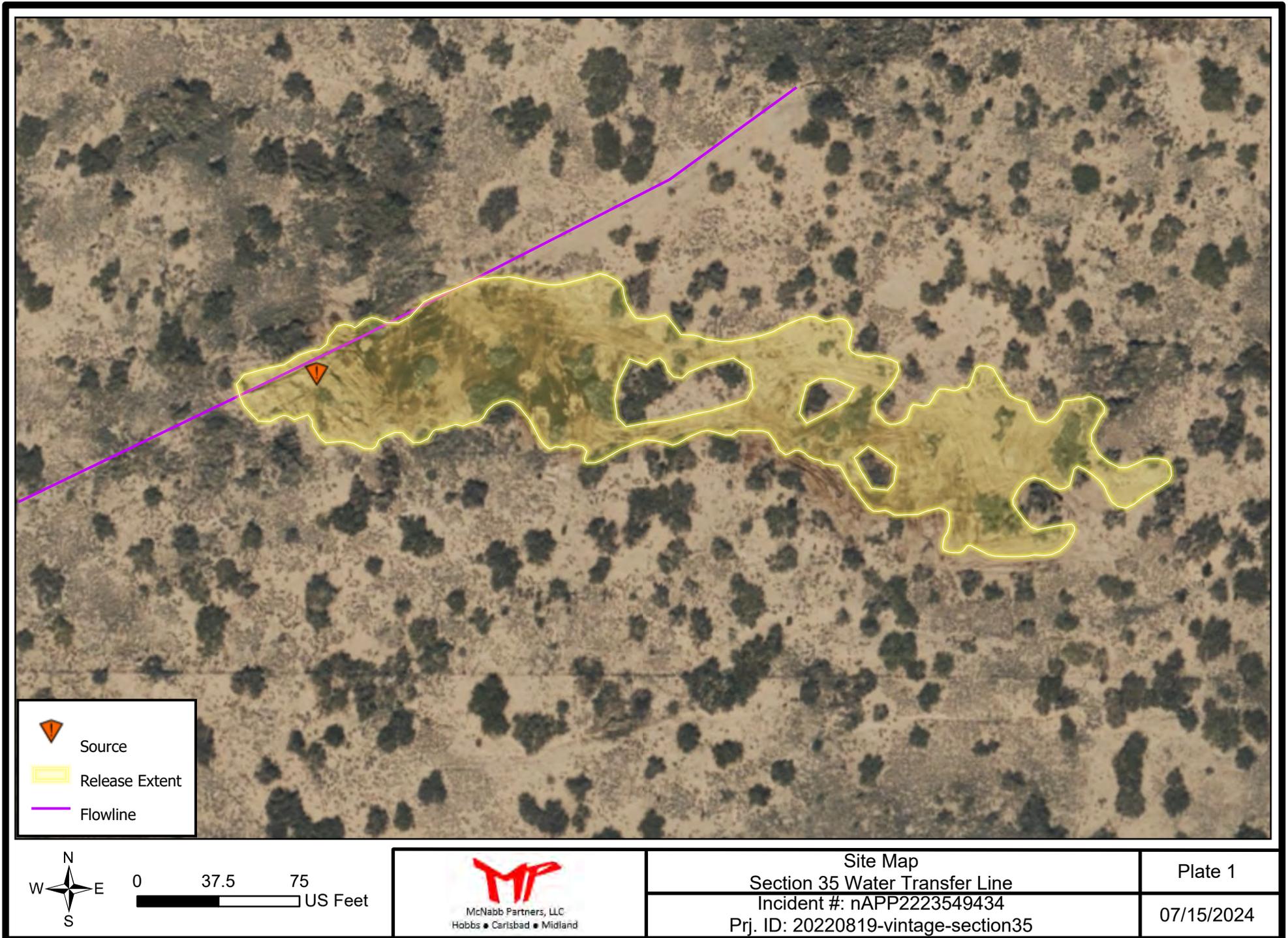
Andrew Parker
Environmental Manager
McNabb Partners
c: (970) 570-9535

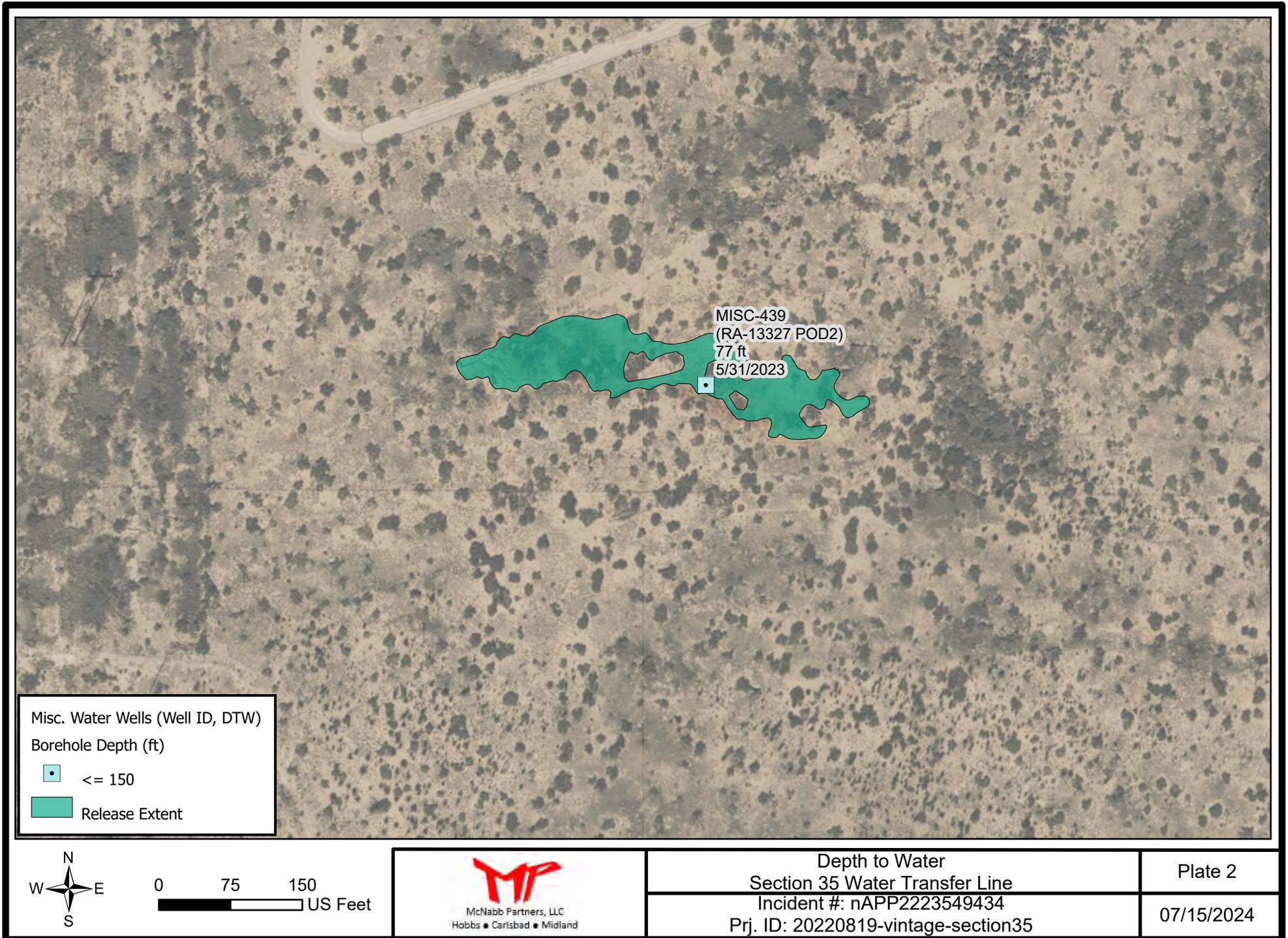
Copy: William Hope, Vintage Drilling LLC

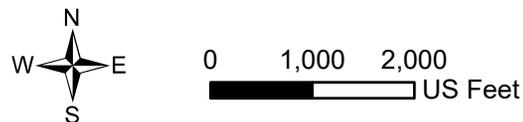
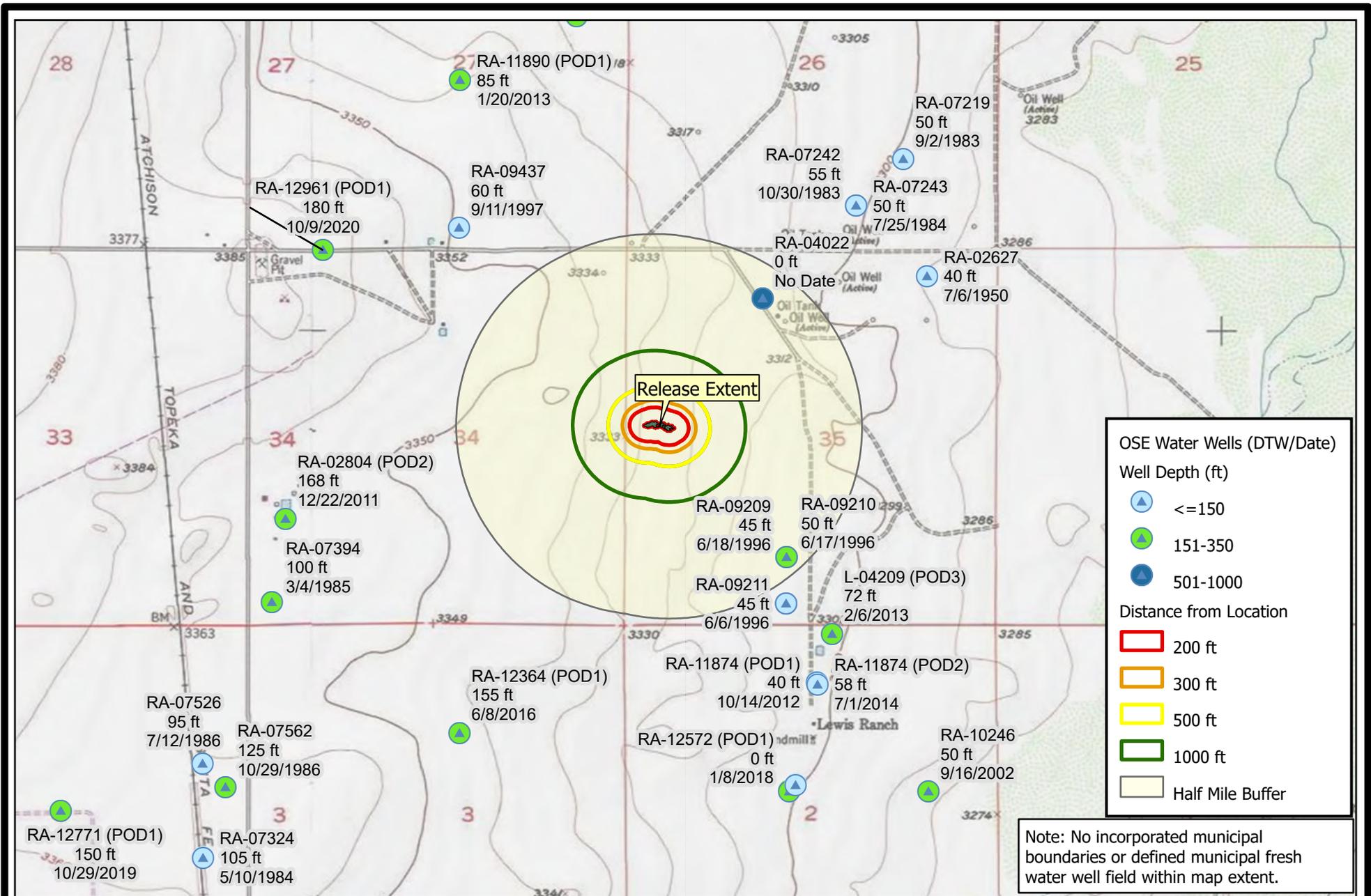
Plates



McNabb Partners, LLC
Hobbs • Carlsbad • Midland

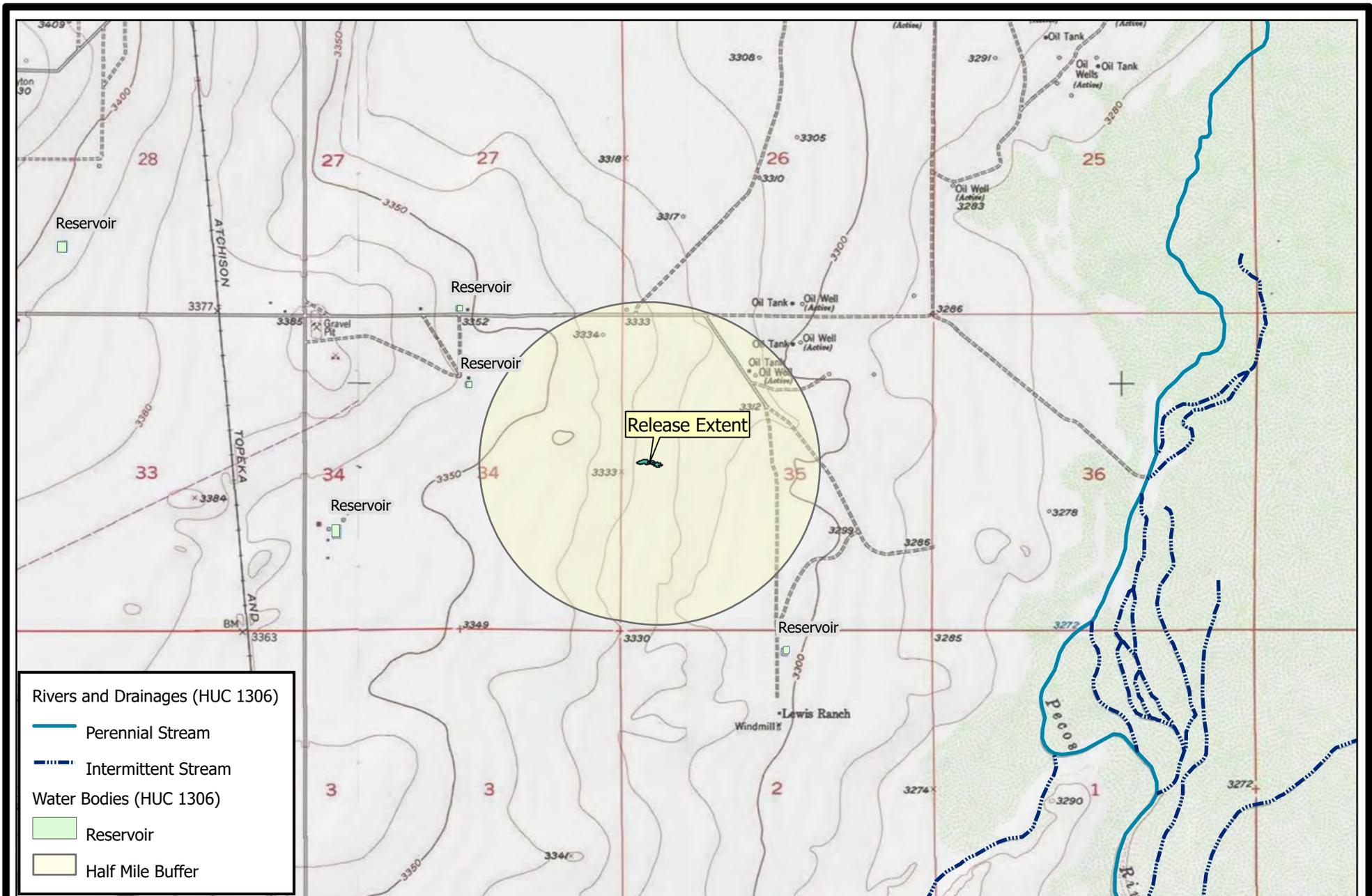






Wellhead Protection
Section 35 Water Transfer Line
Incident #: nAPP2223549434
Prj. ID: 20220819-vintage-section35

Plate 3
07/15/2024



Rivers and Drainages (HUC 1306)

- Perennial Stream
- Intermittent Stream

Water Bodies (HUC 1306)

- Reservoir
- Half Mile Buffer

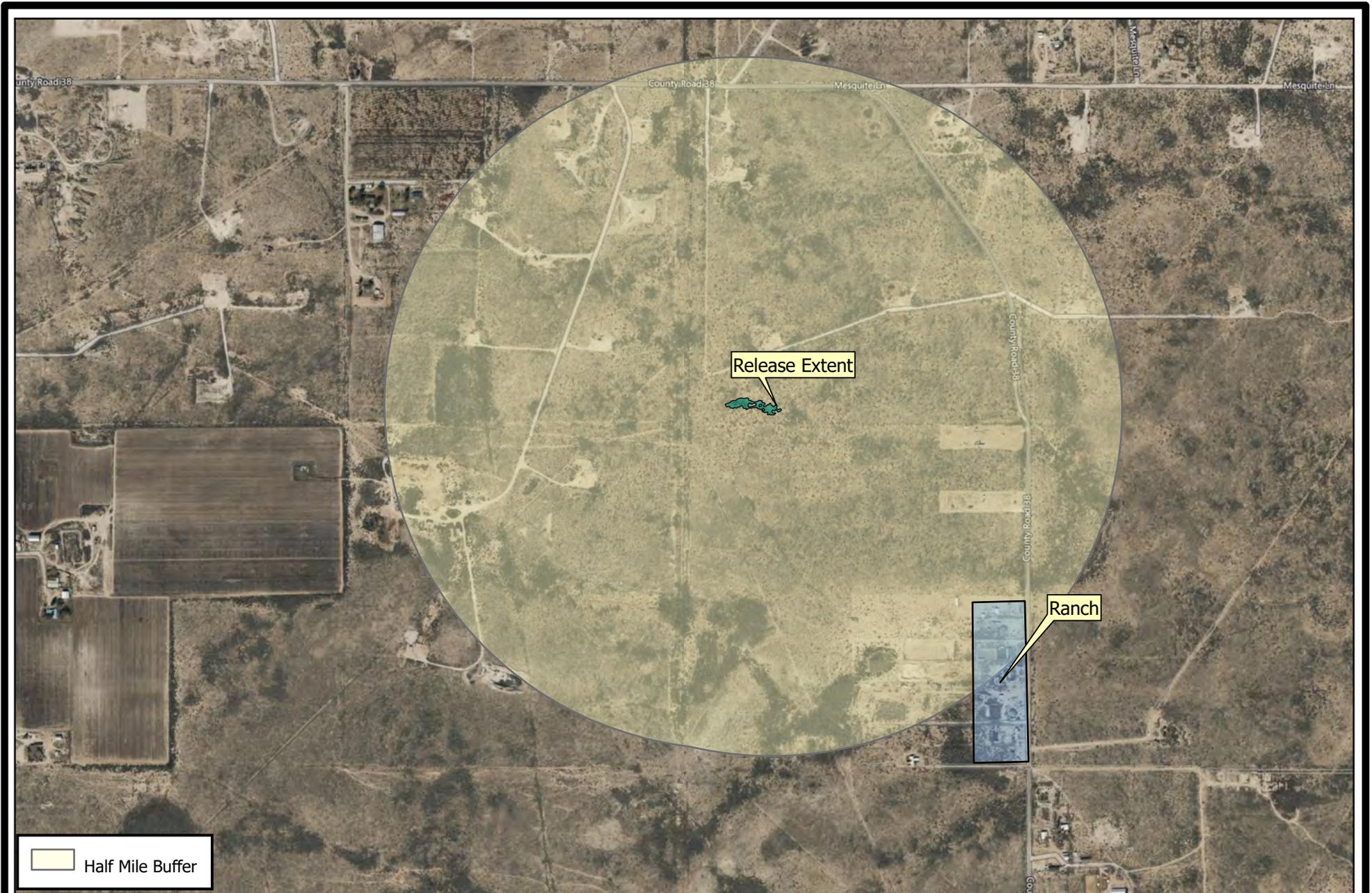
N
W — E
S

0 1,250 2,500
US Feet

McNabb Partners, LLC
Hobbs • Carlsbad • Midland

Significant Watercourses
Section 35 Water Transfer Line
Incident #: nAPP2223549434
Prj. ID: 20220819-vintage-section35

Plate 4
07/15/2024



 Half Mile Buffer



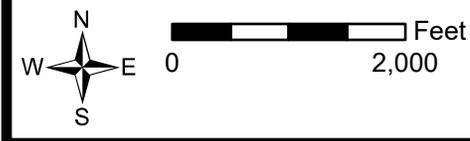
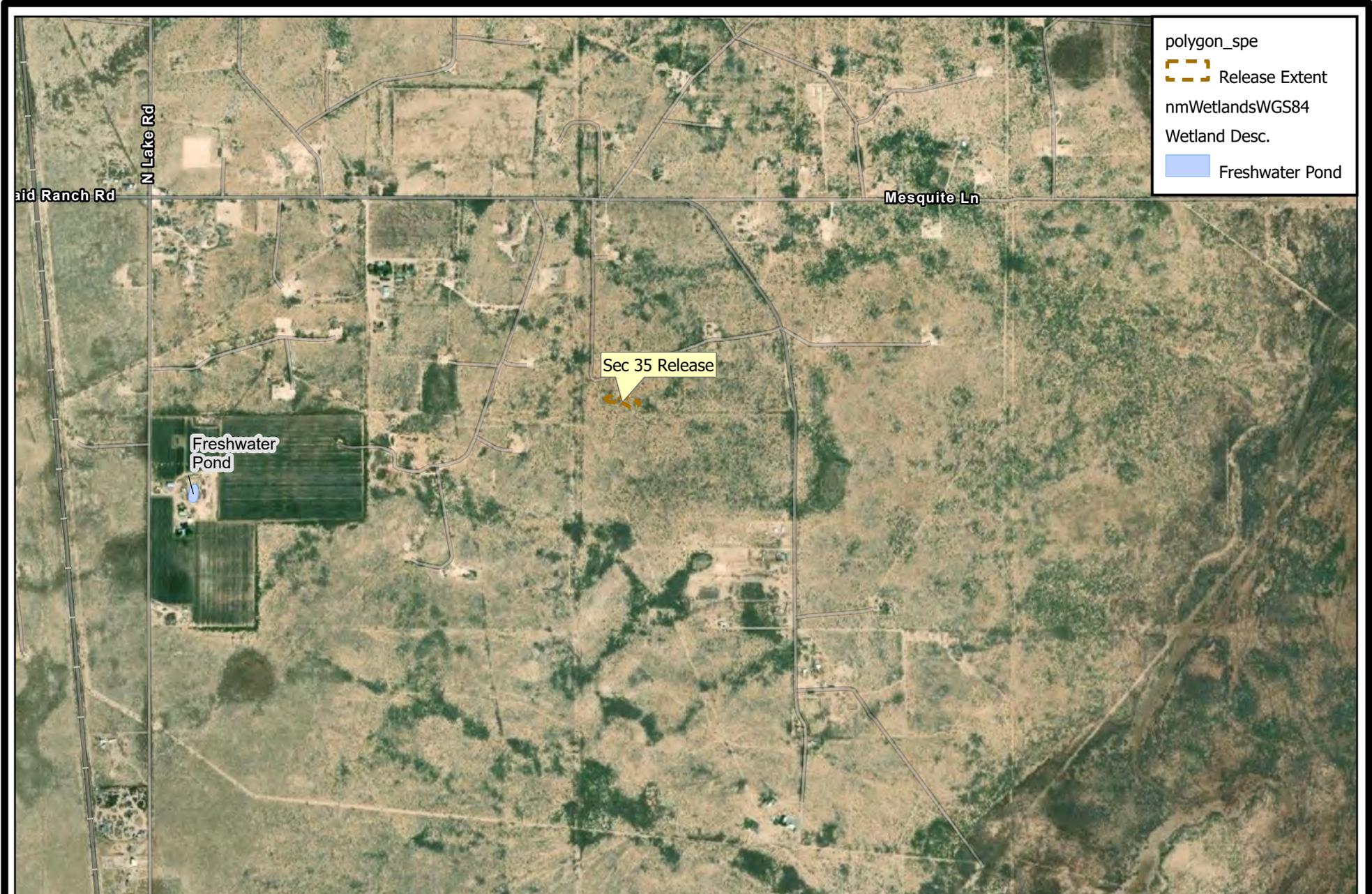
0 500 1,000
 US Feet



Nearby Structures
 Section 35 Water Transfer Line
 Incident #: nAPP2223549434
 Prj. ID: 20220819-vintage-section35

Plate 5
 07/15/2024

Z:\Shared\Documents\Projects\VintageDrilling\ArcGISProVinageSpill\ArcGISProVinageSpill.aprx

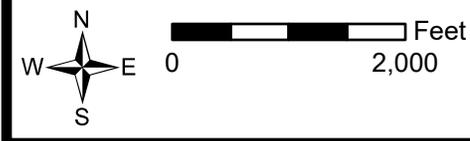
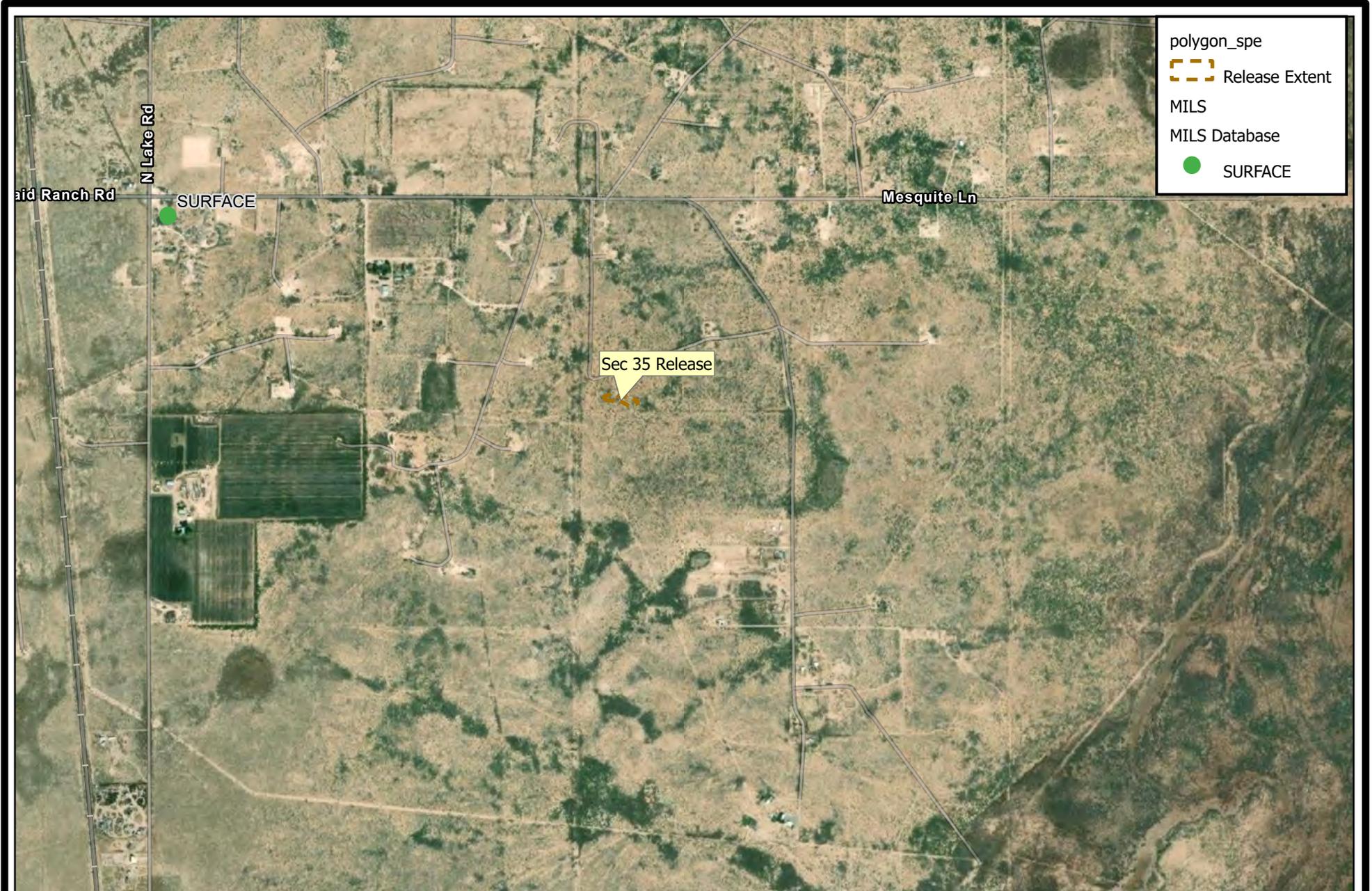


R.T. Hicks Consultants, Ltd
 901 Rio Grande Blvd NW Suite F-142
 Albuquerque, NM 87104
 Ph: 505.266.5004

| |
|---|
| Nearest Mapped Wetland (NM Database) |
| Vintage Drilling LLC - Section 35 Release |

| |
|----------|
| Plate 6 |
| Jan 2023 |

Z:\Shared\Documents\Projects\VintageDrilling\ArcGISProVinageSpill\ArcGISProVinageSpill.aprx

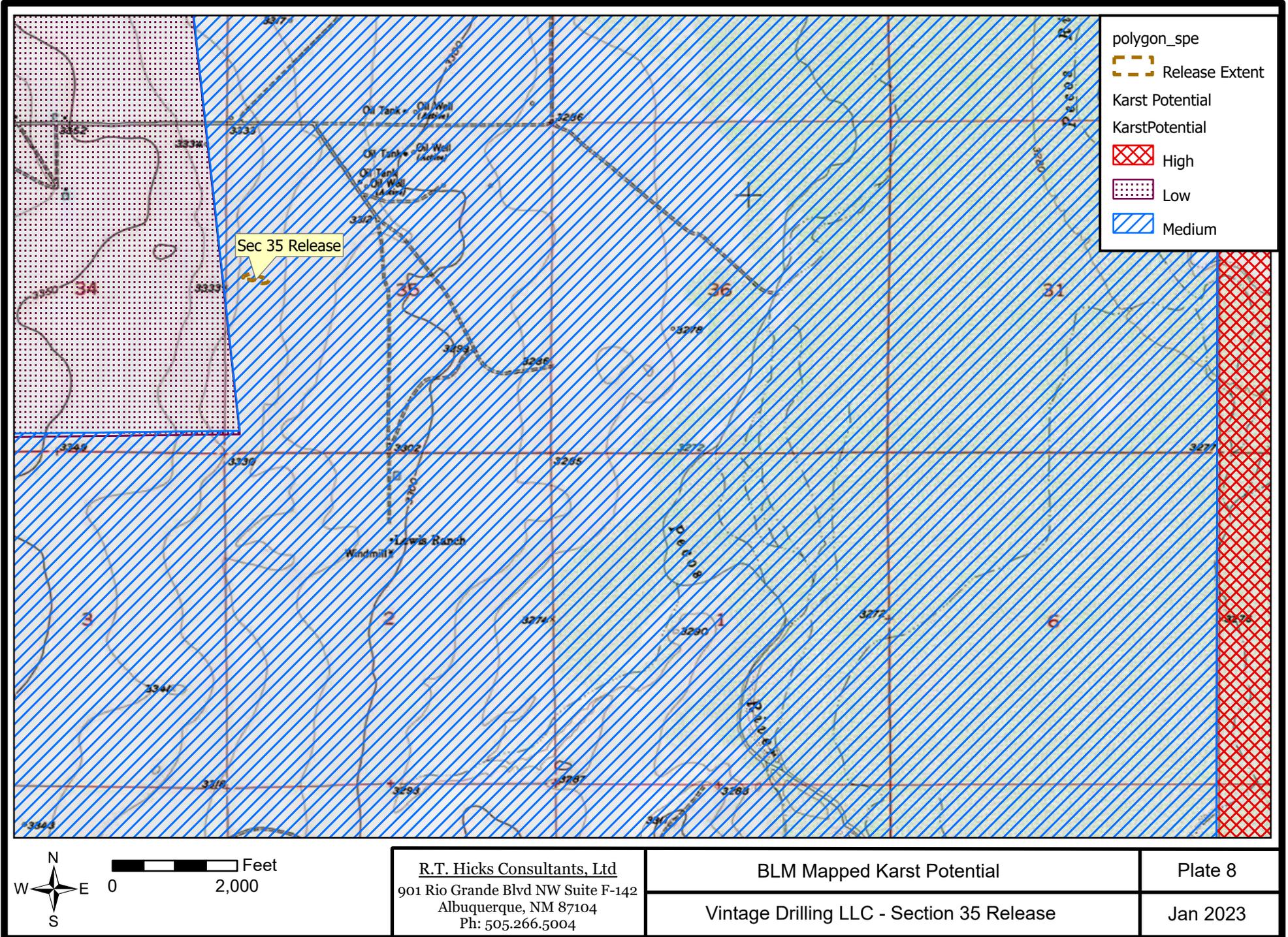


R.T. Hicks Consultants, Ltd
 901 Rio Grande Blvd NW Suite F-142
 Albuquerque, NM 87104
 Ph: 505.266.5004

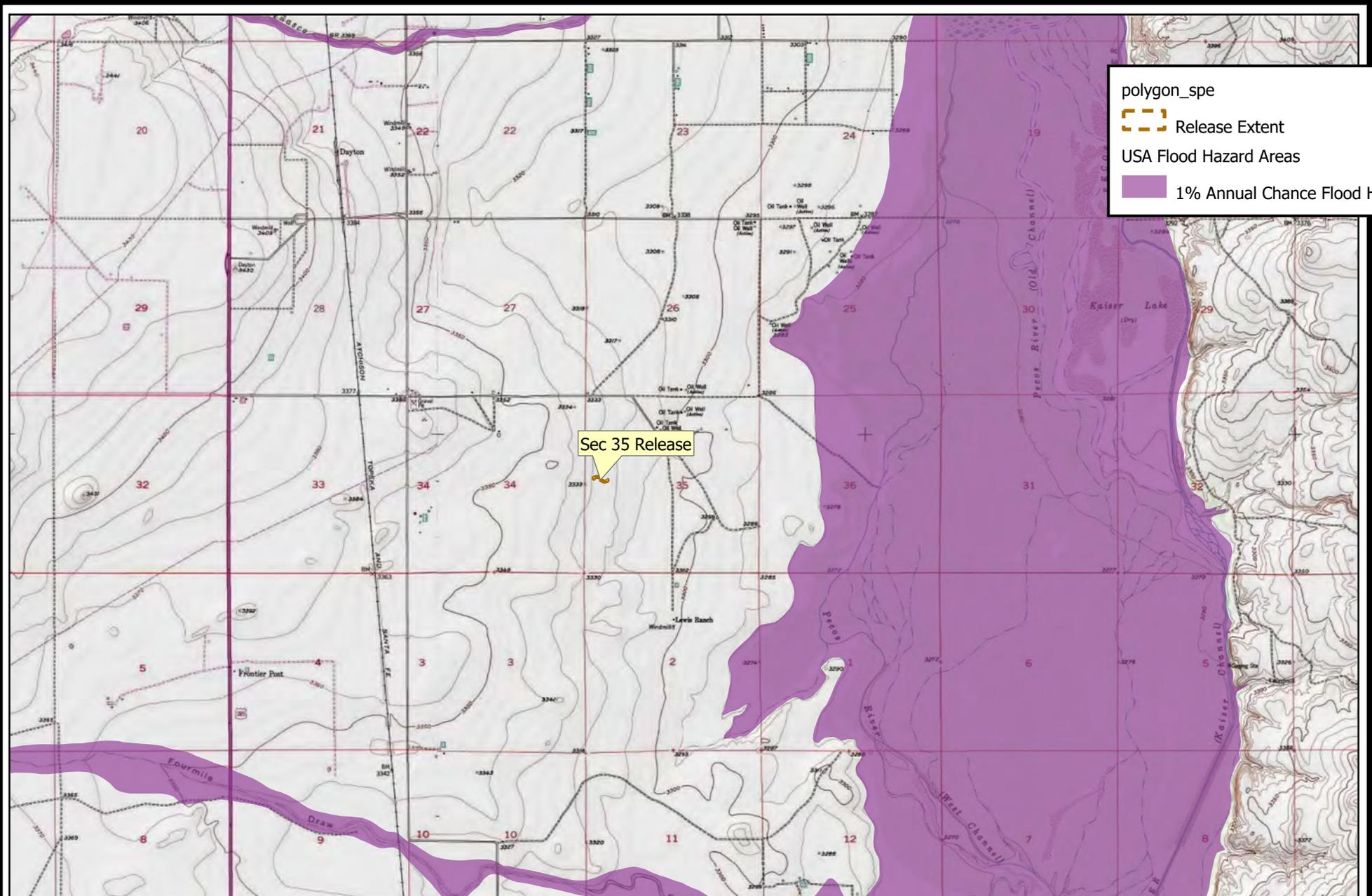
| |
|---|
| Nearest Mapped Mines |
| Vintage Drilling LLC - Section 35 Release |

| |
|----------|
| Plate 7 |
| Jan 2023 |

Z:\Shared\Documents\Projects\VintageDrilling\ArcGISProVinageSpill\ArcGISProVinageSpill.aprx



Z:\Shared\Documents\Projects\VintageDrilling\ArcGISProVinageSpill\ArcGISProVinageSpill.aprx



polygon_spe
 Release Extent
 USA Flood Hazard Areas
 1% Annual Chance Flood Hazard

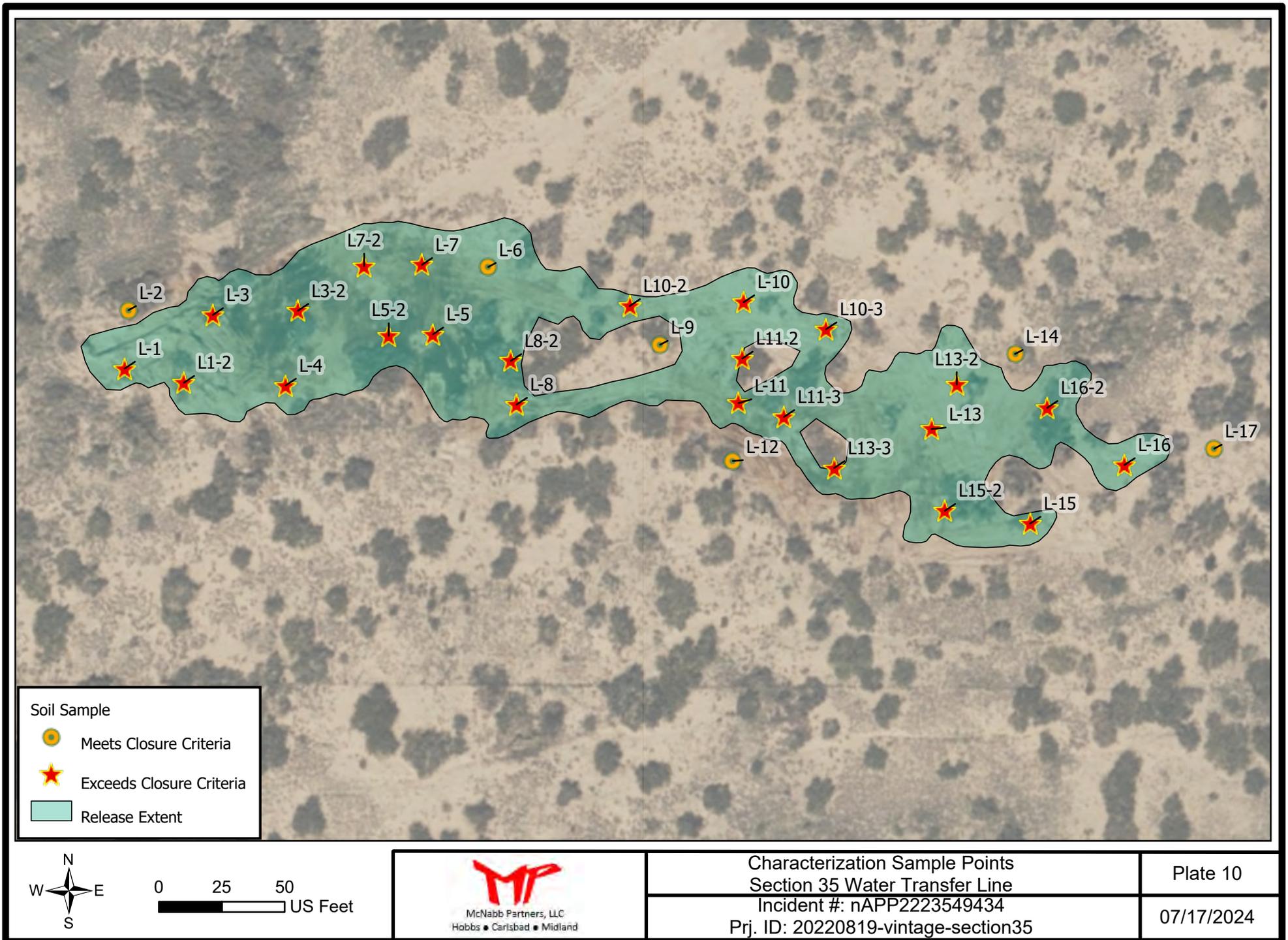
Sec 35 Release



R.T. Hicks Consultants, Ltd
 901 Rio Grande Blvd NW Suite F-142
 Albuquerque, NM 87104
 Ph: 505.266.5004

FEMA Mapped Flood Hazards
 Vintage Drilling LLC - Section 35 Release

Plate 9
 Jan 2023



Tables



| Sample Location | Sample Name | Date | Discrete depth (ft) | Top Depth (ft) | Bottom Depth (ft) | Chloride (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | GRO+DRO (mg/kg) | TPH (mg/kg) | Benzene (mg/kg) | BTEX (mg/kg) | Delineation Status | Laboratory | Lab Number |
|---------------------------|-------------|------------|---------------------|----------------|-------------------|------------------|-------------|-------------|-------------|-----------------|-------------|-----------------|--------------|------------------------|-----------------|------------|
| NMOCD Closure Criteria | | | | | | | | | | | | | | | | |
| 0 - 4 feet & "not in-use" | | | | | | 600 | | | | | -- | 100 | 10 | 50 | | |
| > 4 ft or "in-use" | | | | | | 10,000 | | | | | 1,000 | 2,500 | 10 | 50 | | |
| L-1 | SSA-1 | 9/28/2022 | | 0.0 | 4.0 | 6800 | 0 | 5460 | 1190 | 5460 | 6650 | 0 | 0 | | Cardinal | H224642 |
| | SSA-1 | 9/28/2022 | 4.3 | | | 11100 | 0 | 1500 | 405 | 1500 | 1905 | 0 | 0 | | Cardinal | H224642 |
| | L1 | 12/20/2023 | | 0.0 | 2.0 | 4000 | 0 | 5300 | 2600 | 5300 | 7900 | 0 | 0 | | Eurofins (Hall) | 2312D08 |
| | L1 | 12/20/2023 | | 2.0 | 4.0 | 2900 | 0 | 3600 | 1800 | 3600 | 5400 | 0 | 0 | | Eurofins (Hall) | 2312D08 |
| | L1 | 12/20/2023 | | 4.0 | 4.5 | 4700 | 0 | 5400 | 2700 | 5400 | 8100 | 0 | 0 | | Eurofins (Hall) | 2312D08 |
| L1-2 | L1-2 | 12/20/2023 | | 0.0 | 2.0 | 2700 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L1-2 | 12/20/2023 | | 2.0 | 4.0 | 680 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L1-2 | 12/20/2023 | | 4.0 | 4.5 | 1400 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L-2 | SSA-2 | 9/28/2022 | | 0.0 | 4.0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Horizontal Delineation | Cardinal | H224642 |
| | SSA-2 | 9/28/2022 | 4.3 | | | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Horizontal Delineation | Cardinal | H224642 |
| L-3 | SSA-3 | 9/28/2022 | | 0.0 | 4.0 | 11000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Cardinal | H224642 |
| | SSA-3 | 9/28/2022 | 4.3 | | | 13400 | 0 | 13.6 | 0 | 13.6 | 13.6 | 0 | 0 | | Cardinal | H224642 |
| | L3 | 12/20/2023 | | 0.0 | 2.0 | 370 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L3 | 12/20/2023 | | 2.0 | 4.0 | 1300 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L3 | 12/20/2023 | | 4.0 | 4.5 | 5100 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L3-2 | L3-2 | 12/20/2023 | | 0.0 | 2.0 | 8700 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L3-2 | 12/20/2023 | | 2.0 | 4.0 | 9800 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L3-2 | 12/20/2023 | | 4.0 | 4.5 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L-4 | SSA-4 | 9/28/2022 | | 0.0 | 4.0 | 448 | 0 | 124 | 24.9 | 124 | 148.9 | 0 | 0 | | Cardinal | H224642 |
| | SSA-4 | 9/28/2022 | 4.3 | | | 336 | 0 | 22.6 | 0 | 22.6 | 22.6 | 0 | 0 | Vertical Delineation | Cardinal | H224642 |
| L-5 | SSA-5 | 9/28/2022 | | 0.0 | 4.0 | 14000 | 0 | 811 | 186 | 811 | 997 | 0 | 0 | | Cardinal | H224642 |
| | SSA-5 | 9/28/2022 | 4.3 | | | 17000 | 0 | 62.7 | 12.9 | 62.7 | 75.6 | 0 | 0 | | Cardinal | H224642 |
| | L-5 | 12/20/2022 | 4.3 | | | 16000 | | | | | | | | | Hall | 2212C76 |
| | L-5 | 12/20/2022 | 6.0 | | | 12000 | | | | | | | | | Hall | 2212C76 |
| | L-5 | 12/20/2022 | 9.0 | | | 13000 | | | | | | | | | Hall | 2212C76 |
| | L-5 | 12/20/2022 | 12.0 | | | 11000 | | | | | | | | | Hall | 2212C76 |
| | L-5 | 12/20/2022 | 13.0 | | | 11000 | | | | | | | | | Hall | 2212C76 |
| | L-5 | 5/31/2023 | 10.0 | | | 9900 | | | | | | | | | Hall | 2306128 |
| | L-5 | 5/31/2023 | 15.0 | | | 5000 | | | | | | | | | Hall | 2306128 |
| | L-5 | 5/31/2023 | 18.0 | | | 3400 | | | | | | | | | Hall | 2306128 |
| | L-5 | 5/31/2023 | 25.0 | | | 1000 | | | | | | | | | Hall | 2306128 |
| | L-5 | 5/31/2023 | 30.0 | | | 9700 | | | | | | | | | Hall | 2306128 |
| | L-5 | 5/31/2023 | 35.0 | | | 4300 | | | | | | | | | Hall | 2306128 |
| | L-5 | 12/20/2023 | | 0.0 | 2.0 | 200 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L-5 | 12/20/2023 | | 2.0 | 4.0 | 340 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L-5 | 12/20/2023 | | 4.0 | 4.5 | 570 | | | | | | | | | Eurofins (Hall) | 2312D08 |

| Sample Location | Sample Name | Date | Discrete depth (ft) | Top Depth (ft) | Bottom Depth (ft) | Chloride (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | GRO+DRO (mg/kg) | TPH (mg/kg) | Benzene (mg/kg) | BTEX (mg/kg) | Delineation Status | Laboratory | Lab Number |
|---------------------------|-------------|------------|---------------------|----------------|-------------------|------------------|-------------|-------------|-------------|-----------------|-------------|-----------------|--------------|------------------------|-----------------|------------|
| NMOCD Closure Criteria | | | | | | | | | | | | | | | | |
| 0 - 4 feet & "not in-use" | | | | | | 600 | | | | | -- | 100 | 10 | 50 | | |
| > 4 ft or "in-use" | | | | | | 10,000 | | | | | 1,000 | 2,500 | 10 | 50 | | |
| L5-2 | L5-2 | 12/20/2023 | | 0.0 | 2.0 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L5-2 | 12/20/2023 | | 2.0 | 4.0 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L5-2 | 12/20/2023 | | 4.0 | 4.5 | 13000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L-6 | SSA-6 | 9/28/2022 | | 0.0 | 4.0 | 304 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Meets Closure Criteria | Cardinal | H224642 |
| | SSA-6 | 9/28/2022 | 4.3 | | | 2640 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Meets Closure Criteria | Cardinal | H224642 |
| L-7 | SSA-7 | 9/28/2022 | | 0.0 | 4.0 | 15800 | 0 | 320 | 91.4 | 320 | 411.4 | 0 | 0 | | Cardinal | H224642 |
| | SSA-7 | 9/28/2022 | 4.3 | | | 17400 | 0 | 28.3 | 0 | 28.3 | 28.3 | 0 | 0 | | Cardinal | H224642 |
| | L7 | 12/20/2023 | | 0.0 | 2.0 | 2200 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L7 | 12/20/2023 | | 2.0 | 4.0 | 3300 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L7 | 12/20/2023 | | 4.0 | 4.5 | 2000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L7-2 | L7-2 | 12/20/2023 | | 0.0 | 2.0 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L7-2 | 12/20/2023 | | 2.0 | 4.0 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L7-2 | 12/20/2023 | | 4.0 | 4.5 | 13000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L-8 | SSA-8 | 9/28/2022 | | 0.0 | 4.0 | 8800 | 55.6 | 7160 | 1760 | 7215.6 | 8975.6 | 0 | 0.528 | | Cardinal | H224642 |
| | SSA-8 | 9/28/2022 | 4.3 | | | 16200 | 0 | 314 | 64.6 | 314 | 378.6 | 0 | 0 | | Cardinal | H224642 |
| | L8 | 12/20/2023 | | 0.0 | 2.0 | 4000 | 0 | 12000 | 8900 | 12000 | 20900 | 0 | 0 | | Eurofins (Hall) | 2312D08 |
| | L8 | 12/20/2023 | | 2.0 | 4.0 | 1500 | 0 | 1700 | 1300 | 1700 | 3000 | 0 | 0 | | Eurofins (Hall) | 2312D08 |
| | L8 | 12/20/2023 | | 4.0 | 4.5 | 4700 | 0 | 6900 | 5300 | 6900 | 12200 | 0 | 0 | | Eurofins (Hall) | 2312D08 |
| L8-2 | L8-2 | 12/20/2023 | | 0.0 | 2.0 | 550 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L8-2 | 12/20/2023 | | 2.0 | 4.0 | 2300 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L8-2 | 12/20/2023 | | 4.0 | 4.5 | 1300 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L-9 | SSA-9 | 9/28/2022 | | 0.0 | 4.0 | 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Meets Closure Criteria | Cardinal | H224642 |
| | SSA-9 | 9/28/2022 | 4.3 | | | 176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Meets Closure Criteria | Cardinal | H224642 |
| L-10 | SSA-10 | 9/28/2022 | | 0.0 | 4.0 | 8600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Cardinal | H224642 |
| | SSA-10 | 9/28/2022 | 4.3 | | | 19600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Cardinal | H224642 |
| | L-10 | 12/20/2022 | 4.3 | | | 15000 | | | | | | | | | Hall | 2212C76 |
| | L-10 | 12/20/2022 | 6.0 | | | 17000 | | | | | | | | | Hall | 2212C76 |
| | L-10 | 12/20/2022 | 9.0 | | | 1200 | | | | | | | | | Hall | 2212C76 |
| | L-10 | 12/20/2022 | 12.0 | | | 1400 | | | | | | | | | Hall | 2212C76 |
| | L-10 | 12/20/2022 | 14.0 | | | 880 | | | | | | | | | Hall | 2212C76 |
| | L10 | 12/20/2023 | | 0.0 | 2.0 | 8700 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L10 | 12/20/2023 | | 2.0 | 4.0 | 9600 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L10 | 12/20/2023 | | 4.0 | 4.5 | 7300 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L10-2 | L10-2 | 12/20/2023 | | 0.0 | 2.0 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L10-2 | 12/20/2023 | | 2.0 | 4.0 | 11000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L10-2 | 12/20/2023 | | 4.0 | 4.5 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L10.3 | L10-3 | 12/20/2023 | | 0.0 | 2.0 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L10-3 | 12/20/2023 | | 2.0 | 4.0 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L10-3 | 12/20/2023 | | 4.0 | 4.5 | 11000 | | | | | | | | | Eurofins (Hall) | 2312D08 |

| Sample Location | Sample Name | Date | Discrete depth (ft) | Top Depth (ft) | Bottom Depth (ft) | Chloride (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | GRO+DRO (mg/kg) | TPH (mg/kg) | Benzene (mg/kg) | BTEX (mg/kg) | Delineation Status | Laboratory | Lab Number |
|---------------------------|-------------|------------|---------------------|----------------|-------------------|------------------|-------------|-------------|-------------|-----------------|-------------|-----------------|--------------|------------------------|-----------------|------------|
| NMOCD Closure Criteria | | | | | | | | | | | | | | | | |
| 0 - 4 feet & "not in-use" | | | | | | 600 | | | | | -- | 100 | 10 | 50 | | |
| > 4 ft or "in-use" | | | | | | 10,000 | | | | | 1,000 | 2,500 | 10 | 50 | | |
| L-11 | SSA-11 | 9/28/2022 | | 0.0 | 4.0 | 13600 | 0 | 3320 | 746 | 3320 | 4066 | 0 | 0 | | Cardinal | H224642 |
| | SSA-11 | 9/28/2022 | 4.3 | | | 16600 | 0 | 1090 | 208 | 1090 | 1298 | 0 | 0 | | Cardinal | H224642 |
| | L-11 | 12/20/2022 | 4.3 | | | 17000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Hall | 2212C76 |
| | L-11 | 12/20/2022 | 6.0 | | | 17000 | 0 | 330 | 230 | 330 | 560 | 0 | 0 | | Hall | 2212C76 |
| | L-11 | 12/20/2022 | 9.0 | | | 12000 | 0 | 33 | 0 | 33 | 33 | 0 | 0 | | Hall | 2212C76 |
| | L-11 | 12/20/2022 | 12.0 | | | 12000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Hall | 2212C76 |
| | L-11 | 12/20/2022 | 14.0 | | | 12000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Hall | 2212C76 |
| | L-11 | 5/31/2023 | 10.0 | | | 8900 | | | | | | | | | Hall | 2306128 |
| | L-11 | 5/31/2023 | 15.0 | | | 10000 | | | | | | | | | Hall | 2306128 |
| | L-11 | 5/31/2023 | 20.0 | | | 12000 | | | | | | | | | Hall | 2306128 |
| | L-11 | 5/31/2023 | 25.0 | | | 8000 | | | | | | | | | Hall | 2306128 |
| | L-11 | 5/31/2023 | 30.0 | | | 2700 | | | | | | | | | Hall | 2306128 |
| | L-11 | 5/31/2023 | 34.0 | | | 7000 | | | | | | | | | Hall | 2306128 |
| | L-11 | 12/20/2023 | | 0.0 | 2.0 | 5100 | 0 | 14 | 0 | 14 | 14 | 0 | 0 | | Eurofins (Hall) | 2312D08 |
| | L-11 | 12/20/2023 | | 2.0 | 4.0 | 5200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Eurofins (Hall) | 2312D08 |
| | L-11 | 12/20/2023 | | 4.0 | 4.5 | 7300 | 0 | 53 | 75 | 53 | 128 | 0 | 0 | | Eurofins (Hall) | 2312D08 |
| L11-2 | L11-2 | 12/20/2023 | | 0.0 | 2.0 | 870 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L11-2 | 12/20/2023 | | 2.0 | 4.0 | 7300 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L11-2 | 12/20/2023 | | 4.0 | 4.5 | 3000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L11-3 | L11-3 | 12/20/2023 | | 0.0 | 2.0 | 10000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L11-3 | 12/20/2023 | | 2.0 | 4.0 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L11-3 | 12/20/2023 | | 4.0 | 4.5 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L-12 | SSA-12 | 9/28/2022 | | 0.0 | 4.0 | 336 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Horizontal Delineation | Cardinal | H224642 |
| | SSA-12 | 9/28/2022 | 4.3 | | | 240 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Horizontal Delineation | Cardinal | H224642 |
| L-13 | SSA-13 | 9/28/2022 | | 0.0 | 4.0 | 3920 | 0 | 48.7 | 0 | 48.7 | 48.7 | 0 | 0 | | Cardinal | H224642 |
| | SSA-13 | 9/28/2022 | 4.3 | | | 13600 | 0 | 176 | 20 | 176 | 196 | 0 | 0 | | Cardinal | H224642 |
| | L13 | 12/20/2023 | | 0.0 | 2.0 | 13000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L13 | 12/20/2023 | | 2.0 | 4.0 | 13000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L13 | 12/20/2023 | | 4.0 | 4.5 | 12000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L13-2 | L13-2 | 12/20/2023 | | 0.0 | 2.0 | 8100 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L13-2 | 12/20/2023 | | 2.0 | 4.0 | 10000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L13-2 | 12/20/2023 | | 4.0 | 4.5 | 11000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L13-3 | L13-3 | 12/20/2023 | | 0.0 | 2.0 | 7000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L13-3 | 12/20/2023 | | 2.0 | 4.0 | 10000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L13-3 | 12/20/2023 | | 4.0 | 4.5 | 10000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L-14 | SSA-14 | 9/28/2022 | | 0.0 | 4.0 | 128 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Horizontal Delineation | Cardinal | H224642 |
| | SSA-14 | 9/28/2022 | 4.3 | | | 192 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Horizontal Delineation | Cardinal | H224642 |

| Sample Location | Sample Name | Date | Discrete depth (ft) | Top Depth (ft) | Bottom Depth (ft) | Chloride (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | GRO+DRO (mg/kg) | TPH (mg/kg) | Benzene (mg/kg) | BTEX (mg/kg) | Delineation Status | Laboratory | Lab Number |
|---------------------------|------------------|------------|---------------------|----------------|-------------------|------------------|-------------|-------------|-------------|-----------------|-------------|-----------------|--------------|------------------------|-----------------|------------|
| NMOCD Closure Criteria | | | | | | | | | | | | | | | | |
| 0 - 4 feet & "not in-use" | | | | | | 600 | | | | | -- | 100 | 10 | 50 | | |
| > 4 ft or "in-use" | | | | | | 10,000 | | | | | 1,000 | 2,500 | 10 | 50 | | |
| L-15 | SSA-15 | 9/28/2022 | | 0.0 | 4.0 | 16000 | 0 | 304 | 91.5 | 304 | 395.5 | 0 | 0 | | Cardinal | H224642 |
| | SSA-15 | 9/28/2022 | 4.3 | | | 22000 | 0 | 47.8 | 0 | 47.8 | 47.8 | 0 | 0 | | Cardinal | H224642 |
| | L-15 | 12/20/2023 | | 0.0 | 2.0 | 10000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L-15 | 12/20/2023 | | 2.0 | 4.0 | 11000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L-15 | 12/20/2023 | | 4.0 | 4.5 | 8200 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L15-2 | L15-2 | 12/20/2023 | | 0.0 | 2.0 | 7200 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L53-2 | 12/20/2023 | | 2.0 | 4.0 | 10000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L15-2 | 12/20/2023 | | 4.0 | 4.5 | 10000 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L-16 | SSA-16 | 9/28/2022 | | 0.0 | 4.0 | 17400 | 0 | 13.7 | 0 | 13.7 | 13.7 | 0 | 0 | | Cardinal | H224642 |
| | SSA-16 | 9/28/2022 | 4.3 | | | 18600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Cardinal | H224642 |
| | L-16 | 12/20/2022 | 4.3 | | | 18000 | | | | | | | | | Hall | 2212C76 |
| | L-16 | 12/20/2022 | 6.0 | | | 8600 | | | | | | | | | Hall | 2212C76 |
| | L-16 | 12/20/2022 | 9.0 | | | 330 | | | | | | | | | Hall | 2212C76 |
| | L-16 | 12/20/2022 | 11.5 | | | 600 | | | | | | | | | Hall | 2212C76 |
| | L-16 | 12/20/2023 | | 0.0 | 2.0 | 4400 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L-16 | 12/20/2023 | | 2.0 | 4.0 | 6700 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L-16 | 12/20/2023 | | 4.0 | 4.5 | 6700 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L16-2 | L16-2 | 12/20/2023 | | 0.0 | 2.0 | 650 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L16-2 | 12/20/2023 | | 2.0 | 4.0 | 2400 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| | L16-2 | 12/20/2023 | | 4.0 | 4.5 | 5400 | | | | | | | | | Eurofins (Hall) | 2312D08 |
| L-17 | SSA-17 | 9/28/2022 | | 0.0 | 4.0 | 304 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Horizontal Delineation | Cardinal | H224642 |
| | SSA-17 | 9/28/2022 | 4.3 | | | 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Horizontal Delineation | Cardinal | H224642 |
| | Background | 9/28/2022 | | 0.0 | 4.0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Cardinal | H220315 |
| | Background | 9/28/2022 | 4.3 | | | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Cardinal | H220315 |
| | 0=Non detectable | | | | | | | | | | | | | | | |

Appendix A

Communications



McNabb Partners, LLC
Hobbs • Carlsbad • Midland



OCD Permitting

Home > Operator Data > Action Status > Action Search Results > Action Status Item Details

[C-141] Site Char./Remediation Plan C-141 (C-141-V-PLAN) Application

Submission Information

| | | | |
|-----------------|---|------------|---------|
| Submission ID: | 352779 | Districts: | Artesia |
| Operator: | [24164] VINTAGE DRILLING LLC | Counties: | Eddy |
| Description: | VINTAGE DRILLING LLC [24164] , WATER TRANSFER LINE , nAPP2223549434 | | |
| Status: | REJECTED | | |
| Status Date: | 06/11/2024 | | |
| References (1): | nAPP2223549434 | | |

Forms

Attachments: [Volume Calculation](#)

[Water Sources](#), [Scaled Site Map](#), [Field Data](#), [Soil Contaminant](#), [Photographs](#), [Topo Aerial Maps](#), [Other*](#)

[Water Depth](#), [Boring Logs](#), [Proposed Technique](#), [Scaled Site Map](#), [Estimated Volume](#), [Closure Criteria](#), [Proposed Schedule](#)

[Lab Data](#)

* Attachments contained one or more undefined "Other" tags that must be reviewed before they can be displayed.



| | |
|-------------------|----------------------------------|
| Incident Type | Produced Water Release |
| Incident Status | Remediation Plan Received |
| Incident Well | <i>Unavailable.</i> |
| Incident Facility | <i>Unavailable.</i> |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|----------------------------|
| Site Name | WATER TRANSFER LINE |
| Date Release Discovered | 08/19/2022 |
| Surface Owner | Private |

Incident Details

Please answer all the questions in this group.

| | |
|--|-------------------------------|
| 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

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

| | |
|-----------------------------------|--|
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Flow Line - Production Crude Oil Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL. |
|-----------------------------------|--|



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) [water transfer line came apart at poly fuse.](#)

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported) **No, according to supplied volumes this does not appear to be a "gas only" report.**

Was this a major release as defined by Subsection A of 19.15.29.7 NMAC **Yes**

Reasons why this would be considered a submission for a notification of a major release **From paragraph A. "Major release" determine using:
(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

The source of the release has been stopped **True**

The impacted area has been secured to protect human health and the environment **True**

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices **True**

All free liquids and recoverable materials have been removed and managed appropriately **True**

If all the actions described above have not been undertaken, explain why *Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement **Name: Marie Durham
Title: Manager**



| | |
|--|--------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 75 and 100 (ft.) |
| What method was used to determine the depth to ground water | Direct Measurement |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between 1 and 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Greater than 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1000 (ft.) and ½ (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1000 (ft.) and ½ (mi.) |
| Any other fresh water well or spring | Between 1000 (ft.) and ½ (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Between 1 and 5 (mi.) |
| A wetland | Between 1 and 5 (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Between 1 and 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Medium |
| A 100-year floodplain | Between 1 and 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

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

Requesting a remediation plan approval with this submission **Yes**

Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.

Have the lateral and vertical extents of contamination been fully delineated **Yes**

Was this release entirely contained within a lined containment area **No**

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

| | | |
|-------------------|----------------------------|--------|
| Chloride | (EPA 300.0 or SM4500 Cl B) | 193000 |
| TPH (GRO+DRO+MRO) | (EPA SW-846 Method 8015M) | 8975 |
| GRO+DRO | (EPA SW-846 Method 8015M) | 7215 |



| | |
|---|------------|
| On what estimated date will the remediation commence | 08/20/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 07/25/2024 |
| On what date will (or was) the remediation complete(d) | 08/31/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed | 14700 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 2275 |
| What is the estimated surface area (in square feet) that will be remediated | 14700 |
| What is the estimated volume (in cubic yards) that will be remediated | 890 |

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.

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 | LEA LAND LANDFILL [FEEM0112342028] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | No |
| (In Situ) Soil Vapor Extraction | No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | No |
| OTHER (Non-listed remedial process) | No |

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



Date: 06/10/2024

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.

Deferral Requests Only

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission No

Sampling Event Information

Last sampling notification (C-141N) recorded 295928
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC 12/20/2023
What was the (estimated) number of samples that were to be gathered 75
What was the sampling surface area in square feet 18400

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

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.



Reasons

Summary:

amaxwell (6/11/2024), Remediation plan denied.

amaxwell (6/11/2024), As with the previous denial, the installation of a liner for this release is denied. Liner installation does not provide equal or better protection, as the contamination will remain in place. The use of any liner will not be approved for this release location.

amaxwell (6/11/2024), The NAPP2223549434 WATER TRANSFER LINE remediation plan is due July 23, 2024. Failure to submit a complete NAPP2223549434 WATER TRANSFER LINE remediation plan is by July 23, 2024 may result in compliance and enforcement penalties pursuant to 19.15.5 NMAC.

Go Back

New Mexico Energy, Minerals and Natural Resources Department | Copyright 2012
1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220



Appendix B

Well Logs



McNabb Partners, LLC
Hobbs • Carlsbad • Midland



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| | | | | | | |
|---|---|----------------------|----------------------|--------------------------|--|--------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NO. (WELL NO.) POD 2 | | WELL TAG ID NO. | | OSE FILE NO(S). RA-13327 | |
| | WELL OWNER NAME(S) William Hope | | | | PHONE (OPTIONAL) | |
| | WELL OWNER MAILING ADDRESS PO Box 248 | | | | CITY Artesia | STATE NM |
| | | | | | ZIP 88220 | |
| | WELL LOCATION (FROM GPS) | DEGREES 32 | MINUTES 42 | SECONDS 16.7 | * ACCURACY REQUIRED: ONE TENTH OF A SECOND | |
| | LATITUDE | | N | * DATUM REQUIRED: WGS 84 | | |
| | LONGITUDE | 104 | 21 | 32.2 | W | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE | | | | | | |

| | | | | | | | | |
|----------------------------------|---|---|--|--|---|---|---|--------------------|
| 2. DRILLING & CASING INFORMATION | LICENSE NO. WD-1348 | NAME OF LICENSED DRILLER Clinton E Taylor | | | NAME OF WELL DRILLING COMPANY Taylor Water Well Service | | | |
| | DRILLING STARTED 5/31/2023 | DRILLING ENDED 5/31/2023 | DEPTH OF COMPLETED WELL (FT) 102 | BORE HOLE DEPTH (FT) 102 | DEPTH WATER FIRST ENCOUNTERED (FT) 96 | | | |
| | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED) | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) 77 | DATE STATIC MEASURED 6/1/2023 | | |
| | DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY: | | | | | | | |
| | DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY: | | | | | | CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/> | |
| | DEPTH (feet bgl) | | BORE HOLE DIAM (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
| | FROM | TO | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | | | | | | |
|---------------------|------------------|----|--------------------------|---|---------------------|---------------------|
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i> | AMOUNT (cubic feet) | METHOD OF PLACEMENT |
| | FROM | TO | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | | | |
|----------------------|-----------------|-------------|--|--|--|
| FOR OSE INTERNAL USE | | | WR-20 WELL RECORD & LOG (Version 09/22/2022) | | |
| FILE NO. | POD NO. | TRN NO. | | | |
| LOCATION | WELL TAG ID NO. | PAGE 1 OF 2 | | | |

| 4. HYDROGEOLOGIC LOG OF WELL | DEPTH (feet bgl) | | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES / NO) | | ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm) |
|--|------------------|-----|------------------|--|-------------------------------------|-----|---|
| | FROM | TO | | | Y | N | |
| | 0 | 18 | 18 | Sand: clr, ambr, fn grn, sme silt, sme layers brn clay | Y | ✓ N | |
| | 18 | 19 | 1 | Caliche | Y | ✓ N | |
| | 19 | 25 | 6 | Sand: clr, frstd, ambr, fn-med grn, sme caliche, sme gravel | Y | ✓ N | |
| | 25 | 35 | 10 | Sand: clr, frstd, vfn grn, sme silt, sme gravel, sme rd clay | Y | ✓ N | |
| | 35 | 46 | 11 | Clay: gry, yel gry, smth-slty, sme sndy | Y | ✓ N | |
| | 46 | 96 | 50 | Clay: dk gry, smth-slty | Y | ✓ N | |
| | 96 | 102 | 6 | Clay+Gravel: dk gry, 1/8"-14" gry-yel brn gravel | ✓ Y | N | 1.00 |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input checked="" type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY: | | | | | TOTAL ESTIMATED WELL YIELD (gpm): 1 | | |

| 5. TEST; RIG SUPERVISION | WELL TEST | TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. |
|--------------------------|---|---|
| | | |
| | PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: | |

| 6. SIGNATURE | THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: | |
|--------------|---|--|
| | |  CE Taylor |
| | SIGNATURE OF DRILLER / PRINT SIGNEE NAME | DATE |

| | | | |
|----------------------|-----------------|--|-------------|
| FOR OSE INTERNAL USE | | WR-20 WELL RECORD & LOG (Version 09/22/2022) | |
| FILE NO. | POD NO. | TRN NO. | |
| LOCATION | WELL TAG ID NO. | | PAGE 2 OF 2 |



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: RA-13327 POD 2

Well owner: William Hope Phone No.: _____

Mailing address: PO Box 248

City: Artesia State: NM Zip code: 88211

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Taylor Water Well Service
- 2) New Mexico Well Driller License No.: WD-1348 Expiration Date: 4/30/2025
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Clinton E Taylor
- 4) Date well plugging began: 6/13/2023 Date well plugging concluded: 6/13/2023
- 5) GPS Well Location: Latitude: 32 deg, 42 min, 16.7 sec
Longitude: 104 deg, 21 min, 32.2 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 102 ft below ground level (bgl),
by the following manner: Used 1 1/4" Sch 120 Pvc tremie pipe. Pumped cement with Wildon pump
- 7) Static water level measured at initiation of plugging: 77 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: _____
- 9) Were all plugging activities consistent with an approved plugging plan? _____ If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Cement mixer brought 30 sacks of portland to location. Tremie pipe was in the hole. I used a stock tank and a Wildon Pump to circulate cement from bottom of the hole to surface.

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

| Depth (ft bgl) | Plugging Material Used (include any additives used) | Volume of Material Placed (gallons) | Theoretical Volume of Borehole/ Casing (gallons) | Placement Method (tremie pipe, other) | Comments ("casing perforated first", "open annular space also plugged", etc.) |
|-------------------|---|---|--|--|---|
| 102' | Portland Cement 6 gallons of Water/Sk | 103 | 155 | tremie Pipe | |

| | | |
|---------------|--------|------------|
| MULTIPLY | BY | AND OBTAIN |
| cubic feet x | 7.4805 | = gallons |
| cubic yards x | 201.97 | = gallons |

III. SIGNATURE:

I, Clinton E Taylor, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.



Signature of Well Driller

6/13/2023

Date

Appendix C

Certificates of Analysis



McNabb Partners, LLC
Hobbs • Carlsbad • Midland

Volume 3, All Laboratory Results
Section 35 Release
Section 35, T18S, R32E, Eddy County

Prepared for:
Vintage Drilling LLC
Artesia, New Mexico

Prepared by:
R.T. Hicks Consultants, Ltd.
901 Rio Grande NW F-142
Albuquerque, New Mexico

LABORATORY RESULTS

9/28/22



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

October 11, 2022

KRISTIN POPE

R T HICKS CONSULTANTS

901 RIO GRANDE BLVD SUITE F-142

ALBUQUERQUE, NM 87104

RE: SEC. 35 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/05/22 14:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 1 @ 0-4' (H224642-01)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 6800 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 10/07/2022 | ND | 210 | 105 | 200 | 2.40 | | |
| DRO >C10-C28* | 5460 | 50.0 | 10/07/2022 | ND | 216 | 108 | 200 | 5.20 | | |
| EXT DRO >C28-C36 | 1190 | 50.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 141 % 45.3-161

Surrogate: 1-Chlorooctadecane 214 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 1 @ 4.3' (H224642-02)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 11100 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | | S-06 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | | |
| GRO C6-C10* | <50.0 | 50.0 | 10/07/2022 | ND | 210 | 105 | 200 | 2.40 | | | |
| DRO >C10-C28* | 1500 | 50.0 | 10/07/2022 | ND | 216 | 108 | 200 | 5.20 | | | |
| EXT DRO >C28-C36 | 405 | 50.0 | 10/07/2022 | ND | | | | | | | |

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 184 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 2 @ 0-4' (H224642-03)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 10/10/2022 | 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 | 10/07/2022 | ND | 210 | 105 | 200 | 2.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 216 | 108 | 200 | 5.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 2 @ 4.3' (H224642-04)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 210 | 105 | 200 | 2.40 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 216 | 108 | 200 | 5.20 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 3 @ 0-4' (H224642-05)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 11000 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 210 | 105 | 200 | 2.40 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 216 | 108 | 200 | 5.20 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 3 @ 4.3' (H224642-06)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 13400 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 210 | 105 | 200 | 2.40 | | |
| DRO >C10-C28* | 13.6 | 10.0 | 10/07/2022 | ND | 216 | 108 | 200 | 5.20 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 99.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 4 @ 0-4' (H224642-07)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 448 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/10/2022 | ND | 210 | 105 | 200 | 2.40 | | |
| DRO >C10-C28* | 124 | 10.0 | 10/10/2022 | ND | 216 | 108 | 200 | 5.20 | | |
| EXT DRO >C28-C36 | 24.9 | 10.0 | 10/10/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 97.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 4 @ 4.3' (H224642-08)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 336 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 210 | 105 | 200 | 2.40 | | |
| DRO >C10-C28* | 22.6 | 10.0 | 10/07/2022 | ND | 216 | 108 | 200 | 5.20 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 5 @ 0-4' (H224642-09)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 14000 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/10/2022 | ND | 210 | 105 | 200 | 2.40 | | |
| DRO >C10-C28* | 811 | 10.0 | 10/10/2022 | ND | 216 | 108 | 200 | 5.20 | | |
| EXT DRO >C28-C36 | 186 | 10.0 | 10/10/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 82.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.1 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 5 @ 4.3' (H224642-10)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 17000 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 210 | 105 | 200 | 2.40 | | |
| DRO >C10-C28* | 62.7 | 10.0 | 10/07/2022 | ND | 216 | 108 | 200 | 5.20 | | |
| EXT DRO >C28-C36 | 12.9 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 98.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 6 @ 0-4' (H224642-11)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.2 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 6 @ 4.3' (H224642-12)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2640 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 79.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 7 @ 0-4' (H224642-13)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 15800 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/10/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | 320 | 10.0 | 10/10/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | 91.4 | 10.0 | 10/10/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 80.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 7 @ 4.3' (H224642-14)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 17400 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | 28.3 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 82.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 8 @ 0-4' (H224642-15)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | S-04 | | |
|-----------------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | 0.148 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | GC-NC1 | |
| Total Xylenes* | 0.380 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | GC-NC1 | |
| Total BTEX | 0.528 | 0.300 | 10/09/2022 | ND | | | | | GC-NC1 | |

Surrogate: 4-Bromofluorobenzene (PID) 158 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 8800 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-06 | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | 55.6 | 50.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | 7160 | 50.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | 1760 | 50.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 93.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 433 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 8 @ 4.3' (H224642-16)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16200 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/10/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | 314 | 10.0 | 10/10/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | 64.6 | 10.0 | 10/10/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 77.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 9 @ 0-4' (H224642-17)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 71.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.1 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 9 @ 4.3' (H224642-18)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 176 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 10 @ 0-4' (H224642-19)

| 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 | 10/09/2022 | ND | 2.16 | 108 | 2.00 | 5.74 | | |
| Toluene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.06 | 103 | 2.00 | 5.96 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/09/2022 | ND | 2.00 | 99.8 | 2.00 | 5.32 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/09/2022 | ND | 6.09 | 102 | 6.00 | 4.05 | | |
| Total BTEX | <0.300 | 0.300 | 10/09/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 8600 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 72.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.6 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 10 @ 4.3' (H224642-20)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 19600 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 83.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 11 @ 0-4' (H224642-21)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 121 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 13600 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | | S-06 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | | |
| GRO C6-C10* | <50.0 | 50.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | | |
| DRO >C10-C28* | 3320 | 50.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | | |
| EXT DRO >C28-C36 | 746 | 50.0 | 10/07/2022 | ND | | | | | | | |

Surrogate: 1-Chlorooctane 77.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 233 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 11 @ 4.3' (H224642-22)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16600 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | 1090 | 50.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | 208 | 50.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 82.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 150 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 12 @ 0-4' (H224642-23)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 336 | 16.0 | 10/10/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 65.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.5 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 12 @ 4.3' (H224642-24)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 66.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.1 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 13 @ 0-4' (H224642-25)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3920 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | 48.7 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 76.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.6 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 13 @ 4.3' (H224642-26)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 13600 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | |
| DRO >C10-C28* | 176 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | |
| EXT DRO >C28-C36 | 20.0 | 10.0 | 10/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 14 @ 0-4' (H224642-27)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 74.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.0 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 14 @ 4.3' (H224642-28)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 78.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.1 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 15 @ 0-4' (H224642-29)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16000 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | 304 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | 91.5 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 81.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 15 @ 4.3' (H224642-30)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 22000 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 236 | 118 | 200 | 7.00 | | |
| DRO >C10-C28* | 47.8 | 10.0 | 10/07/2022 | ND | 244 | 122 | 200 | 6.37 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 81.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 16 @ 0-4' (H224642-31)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 17400 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 217 | 108 | 200 | 1.78 | | |
| DRO >C10-C28* | 13.7 | 10.0 | 10/07/2022 | ND | 228 | 114 | 200 | 2.76 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 86.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.5 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 16 @ 4.3' (H224642-32)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 18600 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 217 | 108 | 200 | 1.78 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 228 | 114 | 200 | 2.76 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 82.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.4 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 17 @ 0-4' (H224642-33)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 217 | 108 | 200 | 1.78 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 228 | 114 | 200 | 2.76 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 82.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.1 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 17 @ 4.3' (H224642-34)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 217 | 108 | 200 | 1.78 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 228 | 114 | 200 | 2.76 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 93.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.1 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - BG @ 0-4' (H224642-35)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 10/10/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 217 | 108 | 200 | 1.78 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 228 | 114 | 200 | 2.76 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.3 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/05/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/11/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - BG @ 4.3' (H224642-36)

| 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 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 2.34 | | |
| Toluene* | <0.050 | 0.050 | 10/08/2022 | ND | 2.02 | 101 | 2.00 | 1.80 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/08/2022 | ND | 1.96 | 98.2 | 2.00 | 1.80 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/08/2022 | ND | 5.93 | 98.8 | 6.00 | 2.69 | | |
| Total BTEX | <0.300 | 0.300 | 10/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 10/07/2022 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/07/2022 | ND | 217 | 108 | 200 | 1.78 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/07/2022 | ND | 228 | 114 | 200 | 2.76 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 93.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: RT Hicks Consultants
 Project Manager: Kristin Pope
 Address: 901 Rio Grande Blvd NW, Suite F-142
 City: Albuquerque State: NM zip: 87104
 Phone #: 505-866-5004 Fax #:
 Project #:
 Project Owner: Vintage
 Project Name: Sec. 35 Release
 Project Location: Eddy County
 Sampler Name: Kristin Pope
 P.O. #:
 Company: RT Hicks
 Attn: Randy
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:
 FOR LAB USE ONLY

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP | # CONTAINERS | MATRIX | PRESERV | SAMPLING | DATE | TIME | ANALYSIS |
|----------|----------------|------------------|--------------|-------------|---------|----------|---------|------|-----------|
| AS24442 | SSA-1 @ 0-4 ft | G | 1 | GROUNDWATER | | | 9-28-22 | 0952 | TPH 8015M |
| | SSA-1 @ 4.3 ft | G | 1 | WASTEWATER | | | | 0954 | BTEX |
| | SSA-2 @ 0-4 ft | G | 1 | SOIL | | | | 0958 | Chloride |
| | SSA-2 @ 4.3 ft | G | 1 | OIL | | | | 1000 | |
| | SSA-3 @ 0-4 ft | G | 1 | SLUDGE | | | | 1004 | |
| | SSA-3 @ 4.3 ft | G | 1 | OTHER | | | | 1006 | |
| | SSA-4 @ 0-4 ft | G | 1 | ACID/BASE | | | | 1009 | |
| | SSA-4 @ 4.3 ft | G | 1 | ICE / COOL | | | | 1011 | |
| | SSA-5 @ 0-4 ft | G | 1 | OTHER | | | | 1015 | |
| | SSA-5 @ 4.3 ft | G | 1 | | | | | 1017 | |

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcontractors, affiliates, or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *Kristin Pope*
 Date: 10/5/22
 Time: 1450
 Received By: *Kristin Pope*
 Date:
 Time:
 Received By: *Kristin Pope*

Delivered By: (Circle One) UPS Bus Other:
 Observed Temp. °C: 34.0
 Corrected Temp. °C: 32.8
 Sample Condition: Cool Intact
 Checked By: *[Signature]*

Turnaround Time: Standard Rush
 Thermometer ID #113
 Correction Factor -0.6°C
 Bacteria (only) Sample Condition: Cool Intact
 Observed Temp. °C:
 Corrected Temp. °C:
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS: *Kristin@rthicksconsult.com, vintage@plateautel.net*

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



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: RT Hicks Consultants
 Project Manager: Kristin Pope
 Address: 901 Rio Grande Blvd NW, Suite F-142
 City: Albuquerque
 State: NM Zip: 87104
 Phone #: 505-866-5004 Fax #: [blank]
 Project #: [blank] Project Owner: Vintage
 Project Name: Sec. 3-5 Release
 Project Location: Eddy County
 Sampler Name: Kristin Pope
 FOR LAB USE ONLY

P.O. #: [blank] Company: RT Hicks
 Attn: Randy
 Address: [blank]
 City: [blank] State: [blank] Zip: [blank]
 Phone #: [blank] Fax #: [blank]

PLEASE NOTE: Liability and Damages: Cardinal's liability and clients' exclusive remedy for any claim arising whether observed or not, 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 analyses. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder. By Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

| 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 | REMARKS |
|----------|-------------|-------------------|--------------|-------------|------------|------|-----|--------|-------|-----------|------------|-------|---------|------|-----------|
| H224642 | 31 SSA-11 | Q | 0-4 | 11 | | | | | | | | | 9-28-22 | 1100 | TPH 8015M |
| | 32 SSA-11 | Q | 4.3 | 11 | | | | | | | | | | 1102 | BTEX |
| | 33 SSA-12 | Q | 0-4 | 11 | | | | | | | | | | 1106 | Chloride |
| | 34 SSA-12 | Q | 4.3 | 11 | | | | | | | | | | 1108 | |
| | 35 SSA-13 | Q | 0-4 | 11 | | | | | | | | | | 1112 | |
| | 36 SSA-14 | Q | 4.3 | 11 | | | | | | | | | | 1114 | |
| | 37 SSA-14 | Q | 0-4 | 11 | | | | | | | | | | 1118 | |
| | 38 SSA-14 | Q | 4.3 | 11 | | | | | | | | | | 1120 | |
| | 39 SSA-15 | Q | 0-4 | 11 | | | | | | | | | | 1124 | |
| | 30 SSA-15 | Q | 4.3 | 11 | | | | | | | | | | 1126 | |

Relinquished By: Kristin Pope
 Date: 7/22/2024
 Received By: [Signature]
 Date: 7/22/2024

Delivered By: [Circle One] Observed Temp. °C: 34.0
 Corrected Temp. °C: 28.0
 Sample Condition: Intact Cool Yes No

Turnaround Time: [blank] Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes No Corrected Temp. °C

Thermometer ID #113
 Correction Factor -0.5°C

Verbal Result: Yes No Add'l Phone #: [blank]
 All Results are emailed. Please provide Email address: [blank]
 REMARKS: Kristin@rthicksconsult.com, vintage@plataozutel.net

FOR CARDINAL USE ONLY

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



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

October 21, 2022

KRISTIN POPE

R T HICKS CONSULTANTS

901 RIO GRANDE BLVD SUITE F-142

ALBUQUERQUE, NM 87104

RE: SEC. 35 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/19/22 14:45.

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/19/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/21/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 1 @ 0-2 FT (H224924-01)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5200 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | I-04, S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | 5380 | 50.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | 1490 | 50.0 | 10/20/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 105 % 45.3-161
 Surrogate: 1-Chlorooctadecane 188 % 46.3-178

Sample ID: SSA - 1 @ 2-4 FT (H224924-02)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 8080 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | I-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | 1200 | 50.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | 415 | 50.0 | 10/20/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 107 % 45.3-161
 Surrogate: 1-Chlorooctadecane 175 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/19/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/21/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 3 @ 0-2 FT (H224924-03)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 8130 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SSA - 3 @ 2-4 FT (H224924-04)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 13500 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SSA - 4 @ 0-2 FT (H224924-05)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 480 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | I-04 |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/20/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 110 % 45.3-161
 Surrogate: 1-Chlorooctadecane 132 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/19/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/21/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 4 @ 2-4 FT (H224924-06)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|--------------------------------------|------------|-----------------|-----------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 320 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/20/2022 | ND | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | | <i>107 %</i> | <i>45.3-161</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | <i>130 %</i> | <i>46.3-178</i> | | | | | | | |

Sample ID: SSA - 5 @ 0-2 FT (H224924-07)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|--------------------------------------|--------------|-----------------|-----------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16000 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | 347 | 10.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | 123 | 10.0 | 10/20/2022 | ND | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | | <i>125 %</i> | <i>45.3-161</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | <i>168 %</i> | <i>46.3-178</i> | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/19/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/21/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 5 @ 2-4 FT (H224924-08)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|--------------------------------------|--------------|-----------------|-----------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 24800 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | 887 | 50.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | 294 | 50.0 | 10/20/2022 | ND | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | | <i>112 %</i> | <i>45.3-161</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | <i>164 %</i> | <i>46.3-178</i> | | | | | | | |

Sample ID: SSA - 7 @ 0-2 FT (H224924-09)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|--------------------------------------|--------------|-----------------|-----------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 25200 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/20/2022 | ND | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | | <i>116 %</i> | <i>45.3-161</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | <i>137 %</i> | <i>46.3-178</i> | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/19/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/21/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 7 @ 2-4 FT (H224924-10)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|--------------------------------------|--------------|-----------------|-----------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 33200 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | 460 | 10.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | 212 | 10.0 | 10/20/2022 | ND | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | | <i>96.4 %</i> | <i>45.3-161</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | <i>142 %</i> | <i>46.3-178</i> | | | | | | | |

Sample ID: SSA - 8 @ 0-2 FT (H224924-11)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|--------------------------------------|--------------|-----------------|-----------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 10000 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | QM-07 | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | 9970 | 50.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | 2860 | 50.0 | 10/20/2022 | ND | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | | <i>115 %</i> | <i>45.3-161</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | <i>408 %</i> | <i>46.3-178</i> | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/19/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/21/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 8 @ 2-4 FT (H224924-12)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|--------------------------------------|--------------|-----------------|-----------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 11100 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | 4940 | 50.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | 1730 | 50.0 | 10/20/2022 | ND | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | | <i>115 %</i> | <i>45.3-161</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | <i>307 %</i> | <i>46.3-178</i> | | | | | | | |

Sample ID: SSA - 10 @ 0-2 FT (H224924-13)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5200 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |

Sample ID: SSA - 10 @ 2-4 FT (H224924-14)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 18000 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/19/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/21/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 11 @ 0-2 FT (H224924-15)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|--------------------------------------|--------------|-----------------|-----------------|-----------------|-----|------------|---------------|------|-----------|------------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 14800 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | I-04, S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | 3490 | 50.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | 1130 | 50.0 | 10/20/2022 | ND | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | | <i>107 %</i> | <i>45.3-161</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | <i>229 %</i> | <i>46.3-178</i> | | | | | | | |

Sample ID: SSA - 11 @ 2-4 FT (H224924-16)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|--------------------------------------|--------------|-----------------|-----------------|-----------------|-----|------------|---------------|------|-----------|------------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 22000 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | I-04, S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | 1490 | 50.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | 549 | 50.0 | 10/20/2022 | ND | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | | <i>111 %</i> | <i>45.3-161</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | <i>181 %</i> | <i>46.3-178</i> | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/19/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/21/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 13 @ 0-2 FT (H224924-17)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 22000 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SSA - 13 @ 2-4 FT (H224924-18)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 23200 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: SSA - 15 @ 0-2 FT (H224924-19)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 19600 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | I-04 |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | 116 | 10.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | 50.4 | 10.0 | 10/20/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 100 % 45.3-161
 Surrogate: 1-Chlorooctadecane 126 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

R T HICKS CONSULTANTS
 KRISTIN POPE
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

| | | | |
|-------------------|----------------------|---------------------|------------------|
| Received: | 10/19/2022 | Sampling Date: | 09/28/2022 |
| Reported: | 10/21/2022 | Sampling Type: | Soil |
| Project Name: | SEC. 35 RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | VINTAGE - EDDY CO NM | | |

Sample ID: SSA - 15 @ 2-4 FT (H224924-20)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|--------------------------------------|--------------|-----------------|-----------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 28000 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 10/20/2022 | ND | 219 | 110 | 200 | 6.75 | | |
| DRO >C10-C28* | 78.3 | 10.0 | 10/20/2022 | ND | 221 | 111 | 200 | 8.99 | | |
| EXT DRO >C28-C36 | 36.2 | 10.0 | 10/20/2022 | ND | | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | | <i>102 %</i> | <i>45.3-161</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | <i>130 %</i> | <i>46.3-178</i> | | | | | | | |

Sample ID: SSA - 16 @ 0-2 FT (H224924-21)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 17800 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |

Sample ID: SSA - 16 @ 2-4 FT (H224924-22)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 17400 | 16.0 | 10/20/2022 | ND | 416 | 104 | 400 | 0.00 | | |

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- I-04 Sample was extracted outside of the EPA recommended hold time.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: RT Hicks Consultants
 Project Manager: Kristin Pope
 Address: 901 Rio Grande Blvd NW, Suite E-142
 City: Albuquerque State: NM Zip: 87104
 Phone #: 505-266-5004 Fax #: _____
 Project #: _____ Project Owner: Vintage
 Project Name: Sec. 35 release
 Project Location: Eddy County
 Sampler Name: Kristin Pope
 P.O. #: _____ Company: RT Hicks
 Attn: Randy
 Address: _____ City: _____
 State: _____ Zip: _____
 Phone #: _____ Fax #: _____

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | ANALYSIS |
|----------------|-----------------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|----------------|-------------|--|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | |
| <u>HA34934</u> | <u>SSA-1 @ 0-2 Ft</u> | <u>G</u> | <u>1</u> | | | | | | | <u>9/28/22</u> | <u>0952</u> | <u>Chloride</u> |
| | <u>SSA-1 @ 2-4 Ft</u> | <u>G</u> | <u>1</u> | | | | | | | | <u>0953</u> | <u>TPH 8015M</u> |
| | <u>SSA-3 @ 0-2 Ft</u> | <u>G</u> | <u>1</u> | | | | | | | | | <u>yes - TPH 8015M on SSA-1 @ 0-2'</u> |
| | <u>SSA-3 @ 2-4 Ft</u> | <u>G</u> | <u>1</u> | | | | | | | | | <u>XP</u> |
| | <u>SSA-4 @ 0-2 Ft</u> | <u>G</u> | <u>1</u> | | | | | | | | | |
| | <u>SSA-4 @ 2-4 Ft</u> | <u>G</u> | <u>1</u> | | | | | | | | | |
| | <u>SSA-5 @ 0-2 Ft</u> | <u>G</u> | <u>1</u> | | | | | | | | | |
| | <u>SSA-5 @ 2-4 Ft</u> | <u>G</u> | <u>1</u> | | | | | | | | | |
| | <u>SSA-7 @ 0-2 Ft</u> | <u>G</u> | <u>1</u> | | | | | | | | | |
| | <u>SSA-7 @ 2-4 Ft</u> | <u>G</u> | <u>1</u> | | | | | | | | | |

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Kristin Pope Date: 10/19/22 Received By: [Signature]
 Relinquished By: [Signature] Date: 10/19/22 Received By: [Signature]
 Delivered By: (Circle One) Observed Temp. °C 4.9 Sample Condition: Cool Intact
 Corrected Temp. °C 4.3 Yes Yes
 Checked By: [Signature]
 Turnaround Time: _____ Standard Add'l Phone #: _____
 Thermometer ID #13 g Bacteria (only) Sample Condition: Cool Intact
 Correction Factor -0.5°C Yes No Yes No
 Corrected Temp. °C _____
 Remarks: Kristin@thickconsult.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RT Hicks Consultants P.O. #:

Project Manager: Kristin Pope Address: 901 Rio Grande Blvd NW, Suite E-142 Company: RT Hicks

City: Albuquerque State: NM Zip: 87104 Attn: Randy

Phone #: 505-266-5004 Fax #: Address:

Project #: Project Owner: Vintage City:

Project Name: Sec. 35 release State: Zip:

Project Location: Eddy County Phone #:

Sampler Name: Kristin Pope Fax #:

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | REMARKS |
|----------------|-----------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|------|------|-----------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | |
| <u>H224924</u> | | | | | | | | | | | | |
| 11 | SSA-8 @ 0-2 ft | G 1 | | | | | | | 9-28-22 | 1039 | | Chloride |
| 12 | SSA-8 @ 2-4 ft | G 1 | | | | | | | | 1040 | | TPH 8015M |
| 13 | SSA-10 @ 0-2 ft | G 1 | | | | | | | | 1053 | | |
| 14 | SSA-10 @ 2-4 ft | G 1 | | | | | | | | 1054 | | |
| 15 | SSA-11 @ 0-2 ft | G 1 | | | | | | | | 1100 | | |
| 16 | SSA-11 @ 2-4 ft | G 1 | | | | | | | | 1101 | | |
| 17 | SSA-13 @ 0-2 ft | G 1 | | | | | | | | 1112 | | |
| 18 | SSA-13 @ 2-4 ft | G 1 | | | | | | | | 1113 | | |
| 19 | SSA-15 @ 0-2 ft | G 1 | | | | | | | | 1124 | | |
| 20 | SSA-15 @ 2-4 ft | G 1 | | | | | | | | 1125 | | |

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Kristin Pope Date: 11/22/22 Received By: Spodrigue

Time: 1445

Observed Temp. °C: 4.9 Corrected Temp. °C: 4.3

Turnaround Time: Standard Standard Rush

Thermometer ID #13 C Bacteria (only) Yes No

Correction Factor -0.5°C Yes No

Sample Condition: Intact Cool Yes No

Checked By: (Initials)

Remarks: Kristin@thickconsult.com

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

FORWARD TO: 1707721

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: RT Hicks Consultants
 Project Manager: Kristin Pope
 Address: 901 Rio Grande Blvd NW, Suite E-142
 City: Albuquerque State: NM Zip: 87104
 Phone #: 505-266-5004 Fax #: _____
 Project #: _____ Project Owner: Vintage
 Project Name: See 35 release
 Project Location: Eddy County
 Sampler Name: Kristin Pope
 P.O. #: _____ Company: RT Hicks
 Attn: Randy
 Address: _____ City: _____
 State: _____ Zip: _____
 Phone #: _____ Fax #: _____

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | REMARKS |
|----------------|------------------------|-------------------|--------------|-------------|------------|----------|-----|--------|----------------|-------------|----------|------------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | |
| <u>H221924</u> | | | | | | | | | | | | |
| <u>21</u> | <u>SSA-16 @ 0-2 ft</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | <u>9-28-22</u> | <u>1128</u> | <u>X</u> | <u>Chloride</u> |
| <u>22</u> | <u>SSA-16 @ 2-4 ft</u> | <u>G</u> | <u>1</u> | | | <u>X</u> | | | <u>9-28-22</u> | <u>1129</u> | <u>X</u> | <u>TPH 8065M</u> |

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Kristin Pope
 Date: 10/10/22
 Time: 7:45
 Received By: Stoddard
 Date: _____
 Time: _____

Delivered By: (Circle One) Observed Temp. °C 4.9
 Sampler - UPS - Bus - Other: Corrected Temp. °C 4.3
 Sample Condition: Cool Intact
 Checked By: SK
 Turnaround Time: _____ Standard RUSH
 Thermometer ID #113 Bacteria (only) Sample Condition
 Correction Factor -0.5°C Cool Intact Observed Temp. °C _____
 Corrected Temp. °C _____

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

LABORATORY RESULTS

12/20/22



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

January 05, 2023

David Hamilton

R.T. Hicks Consultants, LTD
901 Rio Grande Blvd. NW
Suite F-142
Albuquerque, NM 87104
TEL: (505) 266-5004
FAX (505) 266-0745

RE: Vintage Drilling Section 35 Release Site

OrderNo.: 2212C76

Dear David Hamilton:

Hall Environmental Analysis Laboratory received 19 sample(s) on 12/21/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2212C76

Date Reported: 1/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-5 4.3 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 10:43:00 AM

Lab ID: 2212C76-001

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 16000 | 600 | | mg/Kg | 200 | 12/30/2022 8:22:24 PM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-5 6.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 10:47:00 AM

Lab ID: 2212C76-002

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 12000 | 590 | | mg/Kg | 200 | 12/30/2022 8:34:49 PM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order 2212C76

Date Reported: 1/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-5 9.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 10:52:00 AM

Lab ID: 2212C76-003

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 13000 | 590 | | mg/Kg | 200 | 12/30/2022 8:47:13 PM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-5 12.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 11:00:00 AM

Lab ID: 2212C76-004

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 11000 | 600 | | mg/Kg | 200 | 12/28/2022 10:10:26 AM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-5 13.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 11:05:00 AM

Lab ID: 2212C76-005

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 11000 | 600 | | mg/Kg | 200 | 12/28/2022 10:22:50 AM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-10 4.3 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 11:20:00 AM

Lab ID: 2212C76-006

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 15000 | 600 | | mg/Kg | 200 | 12/28/2022 10:35:15 AM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-10 6.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 11:30:00 AM

Lab ID: 2212C76-007

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 17000 | 600 | | mg/Kg | 200 | 12/28/2022 10:47:40 AM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-10 9.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 11:35:00 AM

Lab ID: 2212C76-008

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 1200 | 60 | | mg/Kg | 20 | 12/27/2022 2:30:32 PM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-10 12.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 11:42:00 AM

Lab ID: 2212C76-009

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 1400 | 60 | | mg/Kg | 20 | 12/27/2022 2:42:56 PM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order 2212C76

Date Reported: 1/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-10 14.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 11:46:00 AM

Lab ID: 2212C76-010

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|-----------------------|--------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 880 | 60 | | mg/Kg | 20 | 12/27/2022 2:55:20 PM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-11 4.3 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 12:00:00 PM

Lab ID: 2212C76-011

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|-----|------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 17000 | 590 | | mg/Kg | 200 | 12/30/2022 6:55:31 PM | 72363 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 12/28/2022 2:14:43 PM | 72317 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 12/28/2022 2:14:43 PM | 72317 |
| Surr: DNOP | 100 | 21-129 | | %Rec | 1 | 12/28/2022 2:14:43 PM | 72317 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 12/24/2022 11:20:04 AM | 72270 |
| Surr: BFB | 81.6 | 37.7-212 | | %Rec | 1 | 12/24/2022 11:20:04 AM | 72270 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 12/24/2022 11:20:04 AM | 72270 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 12/24/2022 11:20:04 AM | 72270 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 12/24/2022 11:20:04 AM | 72270 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 12/24/2022 11:20:04 AM | 72270 |
| Surr: 4-Bromofluorobenzene | 82.2 | 70-130 | | %Rec | 1 | 12/24/2022 11:20:04 AM | 72270 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-11 6.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 12:06:00 PM

Lab ID: 2212C76-012

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|-----|------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 13000 | 600 | | mg/Kg | 200 | 12/30/2022 7:07:56 PM | 72363 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | 330 | 15 | | mg/Kg | 1 | 12/29/2022 7:03:15 PM | 72317 |
| Motor Oil Range Organics (MRO) | 230 | 50 | | mg/Kg | 1 | 12/29/2022 7:03:15 PM | 72317 |
| Surr: DNOP | 128 | 21-129 | | %Rec | 1 | 12/29/2022 7:03:15 PM | 72317 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 24 | | mg/Kg | 5 | 12/24/2022 11:43:18 AM | 72270 |
| Surr: BFB | 85.0 | 37.7-212 | | %Rec | 5 | 12/24/2022 11:43:18 AM | 72270 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.12 | | mg/Kg | 5 | 12/24/2022 11:43:18 AM | 72270 |
| Toluene | ND | 0.24 | | mg/Kg | 5 | 12/24/2022 11:43:18 AM | 72270 |
| Ethylbenzene | ND | 0.24 | | mg/Kg | 5 | 12/24/2022 11:43:18 AM | 72270 |
| Xylenes, Total | ND | 0.48 | | mg/Kg | 5 | 12/24/2022 11:43:18 AM | 72270 |
| Surr: 4-Bromofluorobenzene | 82.6 | 70-130 | | %Rec | 5 | 12/24/2022 11:43:18 AM | 72270 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-11 9.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 12:10:00 PM

Lab ID: 2212C76-013

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|-----|------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 12/30/2022 7:20:21 PM | 72363 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | 33 | 15 | | mg/Kg | 1 | 12/28/2022 3:50:16 PM | 72317 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 12/28/2022 3:50:16 PM | 72317 |
| Surr: DNOP | 107 | 21-129 | | %Rec | 1 | 12/28/2022 3:50:16 PM | 72317 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 24 | | mg/Kg | 5 | 12/24/2022 12:06:40 PM | 72270 |
| Surr: BFB | 85.0 | 37.7-212 | | %Rec | 5 | 12/24/2022 12:06:40 PM | 72270 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.12 | | mg/Kg | 5 | 12/24/2022 12:06:40 PM | 72270 |
| Toluene | ND | 0.24 | | mg/Kg | 5 | 12/24/2022 12:06:40 PM | 72270 |
| Ethylbenzene | ND | 0.24 | | mg/Kg | 5 | 12/24/2022 12:06:40 PM | 72270 |
| Xylenes, Total | ND | 0.48 | | mg/Kg | 5 | 12/24/2022 12:06:40 PM | 72270 |
| Surr: 4-Bromofluorobenzene | 85.6 | 70-130 | | %Rec | 5 | 12/24/2022 12:06:40 PM | 72270 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-11 12.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 12:15:00 PM

Lab ID: 2212C76-014

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|-----|------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 12/30/2022 7:32:45 PM | 72363 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 14 | | mg/Kg | 1 | 12/28/2022 4:14:07 PM | 72317 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 12/28/2022 4:14:07 PM | 72317 |
| Surr: DNOP | 100 | 21-129 | | %Rec | 1 | 12/28/2022 4:14:07 PM | 72317 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 12/24/2022 12:30:01 PM | 72270 |
| Surr: BFB | 87.8 | 37.7-212 | | %Rec | 1 | 12/24/2022 12:30:01 PM | 72270 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 12/24/2022 12:30:01 PM | 72270 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 12/24/2022 12:30:01 PM | 72270 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 12/24/2022 12:30:01 PM | 72270 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 12/24/2022 12:30:01 PM | 72270 |
| Surr: 4-Bromofluorobenzene | 88.1 | 70-130 | | %Rec | 1 | 12/24/2022 12:30:01 PM | 72270 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-11 14.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 12:20:00 PM

Lab ID: 2212C76-015

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|-----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 12/30/2022 7:45:10 PM | 72363 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 13 | | mg/Kg | 1 | 12/28/2022 4:37:59 PM | 72317 |
| Motor Oil Range Organics (MRO) | ND | 42 | | mg/Kg | 1 | 12/28/2022 4:37:59 PM | 72317 |
| Surr: DNOP | 106 | 21-129 | | %Rec | 1 | 12/28/2022 4:37:59 PM | 72317 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 12/24/2022 1:40:29 PM | 72270 |
| Surr: BFB | 88.6 | 37.7-212 | | %Rec | 1 | 12/24/2022 1:40:29 PM | 72270 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 12/24/2022 1:40:29 PM | 72270 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 12/24/2022 1:40:29 PM | 72270 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 12/24/2022 1:40:29 PM | 72270 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 12/24/2022 1:40:29 PM | 72270 |
| Surr: 4-Bromofluorobenzene | 87.8 | 70-130 | | %Rec | 1 | 12/24/2022 1:40:29 PM | 72270 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-16 4.3 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 12:29:00 PM

Lab ID: 2212C76-016

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 18000 | 600 | | mg/Kg | 200 | 12/28/2022 11:00:05 AM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-16 6.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 12:32:00 PM

Lab ID: 2212C76-017

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 8600 | 600 | | mg/Kg | 200 | 12/28/2022 11:12:30 AM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-16 9.0 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 12:35:00 PM

Lab ID: 2212C76-018

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 330 | 60 | | mg/Kg | 20 | 12/27/2022 4:46:57 PM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2212C76**

Date Reported: **1/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-16 11.5 feet

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2022 12:43:00 PM

Lab ID: 2212C76-019

Matrix: SOIL

Received Date: 12/21/2022 3:10:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 600 | 61 | | mg/Kg | 20 | 12/27/2022 4:59:22 PM | 72319 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2212C76

05-Jan-23

Client: R.T. Hicks Consultants, LTD
Project: Vintage Drilling Section 35 Release Site

| Sample ID: MB-72319 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|------------------------------|----------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 72319 | RunNo: 93569 | | | | | | | | |
| Prep Date: 12/27/2022 | Analysis Date: 12/27/2022 | SeqNo: 3376048 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-72319 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|------------------------------|----------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 72319 | RunNo: 93569 | | | | | | | | |
| Prep Date: 12/27/2022 | Analysis Date: 12/27/2022 | SeqNo: 3376049 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 95.8 | 90 | 110 | | | |

| Sample ID: MB-72363 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|------------------------------|----------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 72363 | RunNo: 93641 | | | | | | | | |
| Prep Date: 12/28/2022 | Analysis Date: 12/29/2022 | SeqNo: 3379383 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-72363 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|------------------------------|----------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 72363 | RunNo: 93641 | | | | | | | | |
| Prep Date: 12/28/2022 | Analysis Date: 12/30/2022 | SeqNo: 3379384 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 95.1 | 90 | 110 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2212C76

05-Jan-23

Client: R.T. Hicks Consultants, LTD
Project: Vintage Drilling Section 35 Release Site

| Sample ID: MB-72317 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|----------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 72317 | RunNo: 93579 | | | | | | | | |
| Prep Date: 12/27/2022 | Analysis Date: 12/28/2022 | SeqNo: 3376399 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 15 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 9.9 | | 10.00 | | 98.9 | 21 | 129 | | | |

| Sample ID: LCS-72317 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|------------------------------|----------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 72317 | RunNo: 93579 | | | | | | | | |
| Prep Date: 12/27/2022 | Analysis Date: 12/28/2022 | SeqNo: 3376400 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 57 | 15 | 50.00 | 0 | 115 | 64.4 | 127 | | | |
| Surr: DNOP | 4.8 | | 5.000 | | 96.0 | 21 | 129 | | | |

| Sample ID: 2212C76-011AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|----------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: L-11 4.3 feet | Batch ID: 72317 | RunNo: 93579 | | | | | | | | |
| Prep Date: 12/27/2022 | Analysis Date: 12/28/2022 | SeqNo: 3377737 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 52 | 15 | 48.59 | 0 | 106 | 36.1 | 154 | | | |
| Surr: DNOP | 4.6 | | 4.859 | | 94.4 | 21 | 129 | | | |

| Sample ID: 2212C76-011AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|----------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: L-11 4.3 feet | Batch ID: 72317 | RunNo: 93579 | | | | | | | | |
| Prep Date: 12/27/2022 | Analysis Date: 12/28/2022 | SeqNo: 3377738 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 14 | 48.12 | 0 | 0 | 36.1 | 154 | 200 | 33.9 | RS |
| Surr: DNOP | 4.4 | | 4.812 | | 91.5 | 21 | 129 | 0 | 0 | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2212C76

05-Jan-23

Client: R.T. Hicks Consultants, LTD
Project: Vintage Drilling Section 35 Release Site

| Sample ID: mb | SampType: MBLK | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-----------------------|----------------------------------|-----|---|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: R93539 | | RunNo: 93539 | | | | | | | |
| Prep Date: | Analysis Date: 12/23/2022 | | SeqNo: 3374535 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 860 | | 1000 | | 86.2 | 37.7 | 212 | | | |

| Sample ID: 2.5ug gro lcs | SampType: LCS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|---------------------------------|----------------------------------|-----|---|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: R93539 | | RunNo: 93539 | | | | | | | |
| Prep Date: | Analysis Date: 12/23/2022 | | SeqNo: 3374536 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 1800 | | 1000 | | 181 | 37.7 | 212 | | | |

| Sample ID: mb-72270 | SampType: MBLK | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|----------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 72270 | | RunNo: 93539 | | | | | | | |
| Prep Date: 12/22/2022 | Analysis Date: 12/24/2022 | | SeqNo: 3374558 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 820 | | 1000 | | 81.8 | 37.7 | 212 | | | |

| Sample ID: LCS-72270 | SampType: LCS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|----------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 72270 | | RunNo: 93539 | | | | | | | |
| Prep Date: 12/22/2022 | Analysis Date: 12/24/2022 | | SeqNo: 3374559 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 97.3 | 72.3 | 137 | | | |
| Surr: BFB | 1800 | | 1000 | | 175 | 37.7 | 212 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2212C76

05-Jan-23

Client: R.T. Hicks Consultants, LTD
Project: Vintage Drilling Section 35 Release Site

| Sample ID: mb | SampType: MBLK | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|----------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: R93539 | | RunNo: 93539 | | | | | | | |
| Prep Date: | Analysis Date: 12/23/2022 | | SeqNo: 3374633 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 0.88 | | 1.000 | | 87.5 | 70 | 130 | | | |

| Sample ID: 100ng btex lcs | SampType: LCS | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|----------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: R93539 | | RunNo: 93539 | | | | | | | |
| Prep Date: | Analysis Date: 12/23/2022 | | SeqNo: 3374634 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 0.87 | | 1.000 | | 87.3 | 70 | 130 | | | |

| Sample ID: mb-72270 | SampType: MBLK | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 72270 | | RunNo: 93539 | | | | | | | |
| Prep Date: 12/22/2022 | Analysis Date: 12/24/2022 | | SeqNo: 3374658 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.82 | | 1.000 | | 82.3 | 70 | 130 | | | |

| Sample ID: lcs-72270 | SampType: LCS | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 72270 | | RunNo: 93539 | | | | | | | |
| Prep Date: 12/22/2022 | Analysis Date: 12/24/2022 | | SeqNo: 3374659 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.87 | 0.025 | 1.000 | 0 | 87.3 | 80 | 120 | | | |
| Toluene | 0.89 | 0.050 | 1.000 | 0 | 88.6 | 80 | 120 | | | |
| Ethylbenzene | 0.87 | 0.050 | 1.000 | 0 | 87.4 | 80 | 120 | | | |
| Xylenes, Total | 2.6 | 0.10 | 3.000 | 0 | 86.9 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.85 | | 1.000 | | 85.3 | 70 | 130 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: R.T. Hicks Consultants, LTD

Work Order Number: 2212C76

RcptNo: 1

Received By: Joseph Alderette 12/21/2022 3:10:00 PM

Completed By: Isaiah Ortiz 12/21/2022 3:17:02 PM

Reviewed By: *JA 12-21-22*

A
I-Ox

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present

2. How was the sample delivered? Client

Log In

3. Was an attempt made to cool the samples? Yes No NA

4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA

5. Sample(s) in proper container(s)? Yes No

6. Sufficient sample volume for indicated test(s)? Yes No

7. Are samples (except VOA and ONG) properly preserved? Yes No

8. Was preservative added to bottles? Yes No NA

9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA

10. Were any sample containers received broken? Yes No

11. Does paperwork match bottle labels? Yes No
(Note discrepancies on chain of custody)

12. Are matrices correctly identified on Chain of Custody? Yes No

13. Is it clear what analyses were requested? Yes No

14. Were all holding times able to be met? Yes No
(If no, notify customer for authorization.)

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: *JA 12/21/22*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____ Date: _____
By Whom: _____ Via: eMail Phone Fax In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 6.0 | Good | Not Present | | | |

LABORATORY RESULTS

5/31/2023



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

June 19, 2023

David Hamilton

R.T. Hicks Consultants, LTD
901 Rio Grande Blvd. NW
Suite F-142
Albuquerque, NM 87104
TEL: (505) 266-5004
FAX: (505) 266-0745

RE: Vintage Section 35 Release

OrderNo.: 2306128

Dear David Hamilton:

Hall Environmental Analysis Laboratory received 12 sample(s) on 6/2/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-5 10'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 10:10:00 AM

Lab ID: 2306128-001

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 9900 | 600 | | mg/Kg | 200 | 6/8/2023 10:32:05 AM | 75445 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-5 15'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 10:15:00 AM

Lab ID: 2306128-002

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: KMN |
| Percent Moisture | 7.5 | 1.0 | | wt% | 1 | 6/8/2023 | R97306 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 5000 | 150 | | mg/Kg | 50 | 6/8/2023 10:44:30 AM | 75445 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-5 18'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 10:45:00 AM

Lab ID: 2306128-003

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: KMN |
| Percent Moisture | 5.8 | 1.0 | | wt% | 1 | 6/8/2023 | R97306 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 3400 | 150 | | mg/Kg | 50 | 6/8/2023 10:56:55 AM | 75445 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-5 25'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 11:50:00 AM

Lab ID: 2306128-004

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: SNS |
| Chloride | 1000 | 60 | | mg/Kg | 20 | 6/8/2023 1:59:36 AM | 75445 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-5 30'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 12:45:00 PM

Lab ID: 2306128-005

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 9700 | 600 | | mg/Kg | 200 | 6/8/2023 11:09:19 AM | 75445 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-5 35'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 12:55:00 PM

Lab ID: 2306128-006

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 4300 | 150 | | mg/Kg | 50 | 6/8/2023 11:21:44 AM | 75445 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-11 10'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 3:00:00 PM

Lab ID: 2306128-007

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 8900 | 300 | | mg/Kg | 100 | 6/8/2023 11:34:08 AM | 75445 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-11 15'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 3:30:00 PM

Lab ID: 2306128-008

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: KMN |
| Percent Moisture | 10 | 1.0 | | wt% | 1 | 6/8/2023 | R97306 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 10000 | 600 | | mg/Kg | 200 | 6/8/2023 12:11:21 PM | 75445 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-11 20'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 4:15:00 PM

Lab ID: 2306128-009

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: KMN |
| Percent Moisture | 15 | 1.0 | | wt% | 1 | 6/8/2023 | R97306 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 6/8/2023 12:23:46 PM | 75445 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-11 25'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 4:30:00 PM

Lab ID: 2306128-010

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 8000 | 300 | | mg/Kg | 100 | 6/8/2023 12:36:11 PM | 75445 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-11 30'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 4:40:00 PM

Lab ID: 2306128-011

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 2700 | 150 | | mg/Kg | 50 | 6/8/2023 12:48:36 PM | 75445 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2306128**

Date Reported: **6/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L-11 34'

Project: Vintage Section 35 Release

Collection Date: 5/31/2023 4:55:00 PM

Lab ID: 2306128-012

Matrix: SOIL

Received Date: 6/2/2023 3:35:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JTT |
| Chloride | 7000 | 300 | | mg/Kg | 100 | 6/9/2023 1:14:39 PM | 75461 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306128

19-Jun-23

Client: R.T. Hicks Consultants, LTD

Project: Vintage Section 35 Release

| Sample ID: MB-75445 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 75445 | RunNo: 97291 | | | | | | | | |
| Prep Date: 6/7/2023 | Analysis Date: 6/7/2023 | SeqNo: 3534205 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-75445 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 75445 | RunNo: 97291 | | | | | | | | |
| Prep Date: 6/7/2023 | Analysis Date: 6/7/2023 | SeqNo: 3534206 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 94.7 | 90 | 110 | | | |

| Sample ID: MB-75461 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 75461 | RunNo: 97318 | | | | | | | | |
| Prep Date: 6/8/2023 | Analysis Date: 6/8/2023 | SeqNo: 3535350 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-75461 | SampType: lcs | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 75461 | RunNo: 97318 | | | | | | | | |
| Prep Date: 6/8/2023 | Analysis Date: 6/8/2023 | SeqNo: 3535352 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 93.0 | 90 | 110 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: R.T. Hicks Consultants, LTD Work Order Number: 2306128 RcptNo: 1

Received By: Nancy Proctor 6/2/2023 3:35:00 PM

Completed By: Cheyenne Cason 6/5/2023 7:51:32 AM

Reviewed By: *WJ* 6.5.23

Uml

Chain of Custody

- 1. Is Chain of Custody complete? Yes No Not Present
- 2. How was the sample delivered? Client

Log In

- 3. Was an attempt made to cool the samples? Yes No NA
- 4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 5. Sample(s) in proper container(s)? Yes No Approved by client.
- 6. Sufficient sample volume for indicated test(s)? Yes No
- 7. Are samples (except VOA and ONG) properly preserved? Yes No
- 8. Was preservative added to bottles? Yes No NA
- 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA
- 10. Were any sample containers received broken? Yes No
- 11. Does paperwork match bottle labels? Yes No
(Note discrepancies on chain of custody)
- 12. Are matrices correctly identified on Chain of Custody? Yes No
- 13. Is it clear what analyses were requested? Yes No
- 14. Were all holding times able to be met? Yes No
(If no, notify customer for authorization.)

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: *ju 6/5/23*

Special Handling (if applicable)

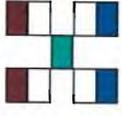
- 15. Was client notified of all discrepancies with this order? Yes No NA

| | | | |
|----------------------|-------|-------|---|
| Person Notified: | _____ | Date: | _____ |
| By Whom: | _____ | Via: | <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person |
| Regarding: | _____ | | |
| Client Instructions: | _____ | | |

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 9.7 | Good | Not Present | Morty | | |



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Turn-Around Time:
 Standard Rush
 Project Name:
 Vintage Section 35 Release
 Project #:

Client: RT Hicks Consultants
 Mailing Address: 901 Rio Grande NW Ste. F-142
 Albuquerque, NM 87104
 Phone #: 505 266 5004
 email or Fax#: david@rthicksconsult.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance Other
 NELAC
 EDD (Type)

Analysis Request

| | | | | | | | | | | |
|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|---|------------|-----------------|---------------------------------|---------------|
| BTEX / MTBE / TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | 8081 Pesticides/8082 PCB's | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | CF, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | Soil moisture |
|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|---|------------|-----------------|---------------------------------|---------------|

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. | Sampler: DH | | Cooler Temp (including CF): 9.8 - 0.1 = 9.7 | Received by: | Date | Time |
|------|-------|--------|-------------|----------------------|-------------------|----------|---|-----------------------------|---|--------------|--------|-------|
| | | | | | | | On Ice: | DH | | | | |
| | 10:10 | Soil | L-5 10' | 1-4oz. glass | | 2306128 | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | | aug | 6/2/23 | 15:35 |
| | 10:15 | | L-5 15' | | | 001 | | | | | | |
| | 10:45 | | L-5 18' | | | 002 | | | | | | |
| | 11:50 | | L-5 25' | | | 003 | | | | | | |
| | 12:45 | | L-5 30' | | | 004 | | | | | | |
| | 12:55 | | L-5 35' | | | 005 | | | | | | |
| | 15:00 | | L-11 10' | | | 006 | | | | | | |
| | 15:30 | | L-11 15' | | | 007 | | | | | | |
| | 16:15 | | L-11 20' | | | 008 | | | | | | |
| | 16:30 | | L-11 25' | | | 009 | | | | | | |
| | 16:40 | | L-11 30' | | | 010 | | | | | | |
| | 16:55 | | L-11 34' | | | 011 | | | | | | |
| | 6:2 | | | | | 012 | | | | | | |

Remarks: After analysis, please save as much of the following samples as possible for grain size analysis: L-5 15', L-5 18', L-11 15', and L-11 20'. We (RT Hicks) will retrieve these samples. Thanks.

Temp approved by client: David Hamilton

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.

LABORATORY RESULTS

12/20/2023



Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

January 11, 2024

David Hamilton
R.T. Hicks Consultants, LTD
901 Rio Grande Blvd. NW
Suite F-142
Albuquerque, NM 87104
TEL: (505) 266-5004
FAX: (505) 266-0745

RE: Vintage Drilling Section 35 Release Site

OrderNo.: 2312D08

Dear David Hamilton:

Eurofins Environment Testing South Central, LLC received 69 sample(s) on 12/21/2023 for the analyses presented in the following report.

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

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L1 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 10:15:00 AM

Lab ID: 2312D08-001

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 4000 | 150 | | mg/Kg | 50 | 1/4/2024 10:22:42 AM | 79720 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | 5300 | 98 | | mg/Kg | 10 | 1/3/2024 11:07:24 AM | 79674 |
| Motor Oil Range Organics (MRO) | 2600 | 490 | | mg/Kg | 10 | 1/3/2024 11:07:24 AM | 79674 |
| Surr: DNOP | 0 | 69-147 | S | %Rec | 10 | 1/3/2024 11:07:24 AM | 79674 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 24 | | mg/Kg | 5 | 12/29/2023 6:47:00 PM | 79614 |
| Surr: BFB | 106 | 15-244 | | %Rec | 5 | 12/29/2023 6:47:00 PM | 79614 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.12 | | mg/Kg | 5 | 12/29/2023 6:47:00 PM | 79614 |
| Toluene | ND | 0.24 | | mg/Kg | 5 | 12/29/2023 6:47:00 PM | 79614 |
| Ethylbenzene | ND | 0.24 | | mg/Kg | 5 | 12/29/2023 6:47:00 PM | 79614 |
| Xylenes, Total | ND | 0.48 | | mg/Kg | 5 | 12/29/2023 6:47:00 PM | 79614 |
| Surr: 4-Bromofluorobenzene | 98.6 | 39.1-146 | | %Rec | 5 | 12/29/2023 6:47:00 PM | 79614 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L1 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 10:15:00 AM

Lab ID: 2312D08-002

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 2900 | 150 | | mg/Kg | 50 | 1/4/2024 10:35:07 AM | 79720 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | 3600 | 92 | | mg/Kg | 10 | 1/3/2024 11:47:56 AM | 79674 |
| Motor Oil Range Organics (MRO) | 1800 | 460 | | mg/Kg | 10 | 1/3/2024 11:47:56 AM | 79674 |
| Surr: DNOP | 0 | 69-147 | S | %Rec | 10 | 1/3/2024 11:47:56 AM | 79674 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 12/29/2023 7:09:00 PM | 79614 |
| Surr: BFB | 102 | 15-244 | | %Rec | 1 | 12/29/2023 7:09:00 PM | 79614 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 12/29/2023 7:09:00 PM | 79614 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 12/29/2023 7:09:00 PM | 79614 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 12/29/2023 7:09:00 PM | 79614 |
| Xylenes, Total | ND | 0.094 | | mg/Kg | 1 | 12/29/2023 7:09:00 PM | 79614 |
| Surr: 4-Bromofluorobenzene | 96.4 | 39.1-146 | | %Rec | 1 | 12/29/2023 7:09:00 PM | 79614 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L1 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 10:18:00 AM

Lab ID: 2312D08-003

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 4700 | 150 | | mg/Kg | 50 | 1/4/2024 10:47:31 AM | 79720 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | 5400 | 95 | | mg/Kg | 10 | 1/3/2024 3:47:58 PM | 79677 |
| Motor Oil Range Organics (MRO) | 2700 | 480 | | mg/Kg | 10 | 1/3/2024 3:47:58 PM | 79677 |
| Surr: DNOP | 0 | 69-147 | S | %Rec | 10 | 1/3/2024 3:47:58 PM | 79677 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 12/29/2023 7:31:00 PM | 79614 |
| Surr: BFB | 111 | 15-244 | | %Rec | 1 | 12/29/2023 7:31:00 PM | 79614 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 12/29/2023 7:31:00 PM | 79614 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 12/29/2023 7:31:00 PM | 79614 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 12/29/2023 7:31:00 PM | 79614 |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 12/29/2023 7:31:00 PM | 79614 |
| Surr: 4-Bromofluorobenzene | 99.6 | 39.1-146 | | %Rec | 1 | 12/29/2023 7:31:00 PM | 79614 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L1-2 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 10:25:00 AM

Lab ID: 2312D08-004

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 2700 | 150 | | mg/Kg | 50 | 1/4/2024 10:59:56 AM | 79720 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L1-2 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 10:25:00 AM

Lab ID: 2312D08-005

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 680 | 60 | | mg/Kg | 20 | 1/3/2024 5:32:05 PM | 79720 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L1-2 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 10:35:00 AM

Lab ID: 2312D08-006

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 1400 | 60 | | mg/Kg | 20 | 1/3/2024 5:44:29 PM | 79720 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L3 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 10:45:00 AM

Lab ID: 2312D08-007

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 370 | 60 | | mg/Kg | 20 | 1/3/2024 5:56:53 PM | 79720 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L3 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 10:45:00 AM

Lab ID: 2312D08-008

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 1300 | 60 | | mg/Kg | 20 | 1/3/2024 6:09:18 PM | 79720 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L3 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 10:55:00 AM

Lab ID: 2312D08-009

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 5100 | 300 | | mg/Kg | 100 | 1/4/2024 11:12:21 AM | 79720 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L3-2 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:10:00 AM

Lab ID: 2312D08-010

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 8700 | 300 | | mg/Kg | 100 | 1/4/2024 11:24:45 AM | 79720 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L3-2 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:10:00 AM

Lab ID: 2312D08-011

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 9800 | 600 | | mg/Kg | 200 | 1/4/2024 11:37:10 AM | 79720 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L3-2 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:15:00 AM

Lab ID: 2312D08-012

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 1/4/2024 11:49:35 AM | 79720 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L5 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:25:00 AM

Lab ID: 2312D08-013

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 200 | 60 | | mg/Kg | 20 | 1/3/2024 7:11:21 PM | 79720 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L5 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:25:00 AM

Lab ID: 2312D08-014

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 340 | 60 | | mg/Kg | 20 | 1/3/2024 8:13:24 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L5 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:30:00 AM

Lab ID: 2312D08-015

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 570 | 60 | | mg/Kg | 20 | 1/3/2024 8:50:38 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L5-2 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:35:00 AM

Lab ID: 2312D08-016

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 1/4/2024 1:04:03 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L5-2 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:35:00 AM

Lab ID: 2312D08-017

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 1/4/2024 1:16:27 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L5-2 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:40:00 AM

Lab ID: 2312D08-018

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 13000 | 600 | | mg/Kg | 200 | 1/4/2024 1:28:51 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L7 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:50:00 AM

Lab ID: 2312D08-019

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 2200 | 60 | | mg/Kg | 20 | 1/3/2024 10:29:54 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L7 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:50:00 AM

Lab ID: 2312D08-020

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 3300 | 150 | | mg/Kg | 50 | 1/4/2024 1:41:15 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L7 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 11:55:00 AM

Lab ID: 2312D08-021

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 2000 | 60 | | mg/Kg | 20 | 1/3/2024 10:54:43 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L7-2 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:05:00 PM

Lab ID: 2312D08-022

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 1/4/2024 1:53:40 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L7-2 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:05:00 PM

Lab ID: 2312D08-023

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 1/4/2024 2:06:04 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L7-2 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:15:00 PM

Lab ID: 2312D08-024

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 13000 | 600 | | mg/Kg | 200 | 1/4/2024 2:18:29 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L8 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:20:00 PM

Lab ID: 2312D08-025

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|-----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 4000 | 150 | | mg/Kg | 50 | 1/4/2024 2:30:54 PM | 79729 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | 12000 | 940 | | mg/Kg | 100 | 1/4/2024 5:48:11 PM | 79677 |
| Motor Oil Range Organics (MRO) | 8900 | 4700 | | mg/Kg | 100 | 1/4/2024 5:48:11 PM | 79677 |
| Surr: DNOP | 0 | 69-147 | S | %Rec | 100 | 1/4/2024 5:48:11 PM | 79677 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 12/29/2023 7:53:00 PM | 79614 |
| Surr: BFB | 110 | 15-244 | | %Rec | 1 | 12/29/2023 7:53:00 PM | 79614 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 12/29/2023 7:53:00 PM | 79614 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 12/29/2023 7:53:00 PM | 79614 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 12/29/2023 7:53:00 PM | 79614 |
| Xylenes, Total | ND | 0.094 | | mg/Kg | 1 | 12/29/2023 7:53:00 PM | 79614 |
| Surr: 4-Bromofluorobenzene | 96.7 | 39.1-146 | | %Rec | 1 | 12/29/2023 7:53:00 PM | 79614 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L8 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:20:00 PM

Lab ID: 2312D08-026

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 1500 | 60 | | mg/Kg | 20 | 1/3/2024 11:56:46 PM | 79729 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | 1700 | 93 | | mg/Kg | 10 | 1/3/2024 5:08:49 PM | 79677 |
| Motor Oil Range Organics (MRO) | 1300 | 460 | | mg/Kg | 10 | 1/3/2024 5:08:49 PM | 79677 |
| Surr: DNOP | 0 | 69-147 | S | %Rec | 10 | 1/3/2024 5:08:49 PM | 79677 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 12/29/2023 8:14:00 PM | 79614 |
| Surr: BFB | 105 | 15-244 | | %Rec | 1 | 12/29/2023 8:14:00 PM | 79614 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 12/29/2023 8:14:00 PM | 79614 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 12/29/2023 8:14:00 PM | 79614 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 12/29/2023 8:14:00 PM | 79614 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 12/29/2023 8:14:00 PM | 79614 |
| Surr: 4-Bromofluorobenzene | 95.7 | 39.1-146 | | %Rec | 1 | 12/29/2023 8:14:00 PM | 79614 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L8 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:25:00 PM

Lab ID: 2312D08-027

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 4700 | 150 | | mg/Kg | 50 | 1/4/2024 2:43:18 PM | 79729 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | 6900 | 96 | | mg/Kg | 10 | 1/3/2024 5:49:24 PM | 79677 |
| Motor Oil Range Organics (MRO) | 5300 | 480 | | mg/Kg | 10 | 1/3/2024 5:49:24 PM | 79677 |
| Surr: DNOP | 0 | 69-147 | S | %Rec | 10 | 1/3/2024 5:49:24 PM | 79677 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 12/29/2023 8:36:00 PM | 79614 |
| Surr: BFB | 107 | 15-244 | | %Rec | 1 | 12/29/2023 8:36:00 PM | 79614 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 12/29/2023 8:36:00 PM | 79614 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 12/29/2023 8:36:00 PM | 79614 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 12/29/2023 8:36:00 PM | 79614 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 12/29/2023 8:36:00 PM | 79614 |
| Surr: 4-Bromofluorobenzene | 96.1 | 39.1-146 | | %Rec | 1 | 12/29/2023 8:36:00 PM | 79614 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L8-2 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:35:00 PM

Lab ID: 2312D08-028

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 550 | 60 | | mg/Kg | 20 | 1/4/2024 12:46:23 AM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L8-2 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:35:00 PM

Lab ID: 2312D08-029

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 2300 | 60 | | mg/Kg | 20 | 1/4/2024 12:58:47 AM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L8-2 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:40:00 PM

Lab ID: 2312D08-030

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|----|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 1300 | 60 | | mg/Kg | 20 | 1/4/2024 1:11:12 AM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L10 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:50:00 PM

Lab ID: 2312D08-031

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 8700 | 300 | | mg/Kg | 100 | 1/4/2024 3:20:31 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L10 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:50:00 PM

Lab ID: 2312D08-032

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 9600 | 300 | | mg/Kg | 100 | 1/4/2024 3:32:55 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L10 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 12:55:00 PM

Lab ID: 2312D08-033

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 7300 | 300 | | mg/Kg | 100 | 1/4/2024 3:45:20 PM | 79729 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L10-2 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 1:05:00 PM

Lab ID: 2312D08-034

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 12000 | 300 | | mg/Kg | 100 | 1/4/2024 3:57:45 PM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L10-2 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 1:05:00 PM

Lab ID: 2312D08-035

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 11000 | 300 | | mg/Kg | 100 | 1/4/2024 4:34:59 PM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L10-2 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 1:10:00 PM

Lab ID: 2312D08-036

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 12000 | 300 | | mg/Kg | 100 | 1/4/2024 4:47:23 PM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L10-3 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 1:15:00 PM

Lab ID: 2312D08-037

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: RBC |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 1/6/2024 1:50:53 PM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L10-3 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 1:15:00 PM

Lab ID: 2312D08-038

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 12000 | 300 | | mg/Kg | 100 | 1/4/2024 6:01:50 PM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L10-3 4.0'-4.5

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 1:20:00 PM

Lab ID: 2312D08-039

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 11000 | 600 | | mg/Kg | 200 | 1/5/2024 10:36:31 AM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L11 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:10:00 PM

Lab ID: 2312D08-040

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|-----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 5100 | 300 | | mg/Kg | 100 | 1/4/2024 6:26:39 PM | 79738 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | 14 | 9.3 | | mg/Kg | 1 | 1/3/2024 11:31:05 PM | 79677 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg | 1 | 1/3/2024 11:31:05 PM | 79677 |
| Surr: DNOP | 96.7 | 69-147 | | %Rec | 1 | 1/3/2024 11:31:05 PM | 79677 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 12/29/2023 8:58:00 PM | 79614 |
| Surr: BFB | 102 | 15-244 | | %Rec | 1 | 12/29/2023 8:58:00 PM | 79614 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 12/29/2023 8:58:00 PM | 79614 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 12/29/2023 8:58:00 PM | 79614 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 12/29/2023 8:58:00 PM | 79614 |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 12/29/2023 8:58:00 PM | 79614 |
| Surr: 4-Bromofluorobenzene | 96.1 | 39.1-146 | | %Rec | 1 | 12/29/2023 8:58:00 PM | 79614 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L11 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:10:00 PM

Lab ID: 2312D08-041

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|-----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 5200 | 300 | | mg/Kg | 100 | 1/4/2024 6:39:03 PM | 79738 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg | 1 | 1/3/2024 11:41:24 PM | 79677 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 1/3/2024 11:41:24 PM | 79677 |
| Surr: DNOP | 109 | 69-147 | | %Rec | 1 | 1/3/2024 11:41:24 PM | 79677 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 12/29/2023 9:42:00 PM | 79614 |
| Surr: BFB | 103 | 15-244 | | %Rec | 1 | 12/29/2023 9:42:00 PM | 79614 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 12/29/2023 9:42:00 PM | 79614 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 12/29/2023 9:42:00 PM | 79614 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 12/29/2023 9:42:00 PM | 79614 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 12/29/2023 9:42:00 PM | 79614 |
| Surr: 4-Bromofluorobenzene | 96.8 | 39.1-146 | | %Rec | 1 | 12/29/2023 9:42:00 PM | 79614 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L11 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:15:00 PM

Lab ID: 2312D08-042

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|-----|------------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 7300 | 300 | | mg/Kg | 100 | 1/4/2024 6:51:28 PM | 79738 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | 53 | 9.6 | | mg/Kg | 1 | 1/4/2024 6:28:20 PM | 79677 |
| Motor Oil Range Organics (MRO) | 75 | 48 | | mg/Kg | 1 | 1/4/2024 6:28:20 PM | 79677 |
| Surr: DNOP | 121 | 69-147 | | %Rec | 1 | 1/4/2024 6:28:20 PM | 79677 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 12/29/2023 10:04:00 PM | 79614 |
| Surr: BFB | 105 | 15-244 | | %Rec | 1 | 12/29/2023 10:04:00 PM | 79614 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 12/29/2023 10:04:00 PM | 79614 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 12/29/2023 10:04:00 PM | 79614 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 12/29/2023 10:04:00 PM | 79614 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 12/29/2023 10:04:00 PM | 79614 |
| Surr: 4-Bromofluorobenzene | 96.5 | 39.1-146 | | %Rec | 1 | 12/29/2023 10:04:00 PM | 79614 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L11-2 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:20:00 PM

Lab ID: 2312D08-043

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 870 | 150 | | mg/Kg | 100 | 1/4/2024 7:03:52 PM | R102237 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L11-2 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:20:00 PM

Lab ID: 2312D08-044

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 7300 | 300 | | mg/Kg | 100 | 1/4/2024 7:16:17 PM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L11-2 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:25:00 PM

Lab ID: 2312D08-045

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 3000 | 300 | | mg/Kg | 100 | 1/4/2024 7:28:42 PM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L11-3 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:30:00 PM

Lab ID: 2312D08-046

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 10000 | 300 | | mg/Kg | 100 | 1/4/2024 7:41:06 PM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L11-3 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:30:00 PM

Lab ID: 2312D08-047

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 12000 | 300 | | mg/Kg | 100 | 1/4/2024 8:18:21 PM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L11-3 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:35:00 PM

Lab ID: 2312D08-048

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 1/5/2024 10:48:56 AM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L13 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:45:00 PM

Lab ID: 2312D08-049

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 13000 | 600 | | mg/Kg | 200 | 1/5/2024 11:01:21 AM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L13 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:45:00 PM

Lab ID: 2312D08-050

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 13000 | 610 | | mg/Kg | 200 | 1/5/2024 11:13:45 AM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L13 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 2:50:00 PM

Lab ID: 2312D08-051

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: RBC |
| Chloride | 12000 | 600 | | mg/Kg | 200 | 1/6/2024 2:06:04 PM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L16-2 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 3:25:00 PM

Lab ID: 2312D08-052

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 4400 | 300 | | mg/Kg | 100 | 1/4/2024 9:20:24 PM | 79738 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L16-2 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 3:25:00 PM

Lab ID: 2312D08-053

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 6700 | 300 | | mg/Kg | 100 | 1/5/2024 2:05:51 AM | 79739 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L16-2 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 3:30:00 PM

Lab ID: 2312D08-054

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 6700 | 300 | | mg/Kg | 100 | 1/5/2024 2:18:16 AM | 79739 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L16 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 3:40:00 PM

Lab ID: 2312D08-055

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 650 | 300 | | mg/Kg | 100 | 1/5/2024 2:30:41 AM | 79739 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L16 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 3:40:00 PM

Lab ID: 2312D08-056

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 2400 | 300 | | mg/Kg | 100 | 1/5/2024 2:43:05 AM | 79739 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L16 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 3:45:00 PM

Lab ID: 2312D08-057

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 5400 | 300 | | mg/Kg | 100 | 1/5/2024 2:55:30 AM | 79739 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L15 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 3:50:00 PM

Lab ID: 2312D08-058

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 10000 | 300 | | mg/Kg | 100 | 1/5/2024 3:07:54 AM | 79739 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L15 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 3:50:00 PM

Lab ID: 2312D08-059

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 11000 | 300 | | mg/Kg | 100 | 1/5/2024 3:45:08 AM | 79739 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L15 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 3:55:00 PM

Lab ID: 2312D08-060

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 8200 | 300 | | mg/Kg | 100 | 1/5/2024 3:57:32 AM | 79739 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L15-2 0'-2'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 4:00:00 PM

Lab ID: 2312D08-061

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 7200 | 300 | | mg/Kg | 100 | 1/9/2024 12:12:02 PM | 79773 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L15-2 2'-4'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 4:00:00 PM

Lab ID: 2312D08-062

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 10000 | 300 | | mg/Kg | 100 | 1/9/2024 12:25:20 AM | 79786 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L15-2 4.0'-4.5'

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023 4:05:00 PM

Lab ID: 2312D08-063

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: KCB |
| Chloride | 10000 | 300 | | mg/Kg | 100 | 1/9/2024 12:37:44 AM | 79786 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L13-2 0-2

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023

Lab ID: 2312D08-064

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 8100 | 300 | | mg/Kg | 100 | 1/9/2024 12:27:13 PM | 79773 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L13-2 2-4

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023

Lab ID: 2312D08-065

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 10000 | 600 | | mg/Kg | 200 | 1/9/2024 12:42:23 PM | 79773 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L13-2 4-5

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023

Lab ID: 2312D08-066

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 11000 | 300 | | mg/Kg | 100 | 1/9/2024 12:57:34 PM | 79773 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L13-3 0-2

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023

Lab ID: 2312D08-067

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 7000 | 300 | | mg/Kg | 100 | 1/9/2024 1:43:03 PM | 79773 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L13-3 2-4

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023

Lab ID: 2312D08-068

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 10000 | 300 | | mg/Kg | 100 | 1/9/2024 1:58:13 PM | 79773 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2312D08**

Date Reported: **1/11/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: R.T. Hicks Consultants, LTD

Client Sample ID: L13-3 4-5

Project: Vintage Drilling Section 35 Release Site

Collection Date: 12/20/2023

Lab ID: 2312D08-069

Matrix: SOIL

Received Date: 12/21/2023 3:40:00 PM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---------------------------------|--------|-----|------|-------|-----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | 10000 | 600 | | mg/Kg | 200 | 1/9/2024 2:13:23 PM | 79773 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312D08

11-Jan-24

Client: R.T. Hicks Consultants, LTD
Project: Vintage Drilling Section 35 Release Site

| Sample ID: MB-79720 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 79720 | RunNo: 102238 | | | | | | | | |
| Prep Date: 1/3/2024 | Analysis Date: 1/3/2024 | SeqNo: 3774164 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-79720 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 79720 | RunNo: 102238 | | | | | | | | |
| Prep Date: 1/3/2024 | Analysis Date: 1/3/2024 | SeqNo: 3774165 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 92.4 | 90 | 110 | | | |

| Sample ID: MB-79729 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 79729 | RunNo: 102238 | | | | | | | | |
| Prep Date: 1/3/2024 | Analysis Date: 1/3/2024 | SeqNo: 3774197 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-79729 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 79729 | RunNo: 102238 | | | | | | | | |
| Prep Date: 1/3/2024 | Analysis Date: 1/3/2024 | SeqNo: 3774198 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 92.1 | 90 | 110 | | | |

| Sample ID: MB-79738 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 79738 | RunNo: 102237 | | | | | | | | |
| Prep Date: 1/4/2024 | Analysis Date: 1/4/2024 | SeqNo: 3775192 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-79738 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 79738 | RunNo: 102237 | | | | | | | | |
| Prep Date: 1/4/2024 | Analysis Date: 1/4/2024 | SeqNo: 3775193 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 92.8 | 90 | 110 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312D08

11-Jan-24

Client: R.T. Hicks Consultants, LTD
Project: Vintage Drilling Section 35 Release Site

| Sample ID: MB-79739 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 79739 | RunNo: 102237 | | | | | | | | |
| Prep Date: 1/4/2024 | Analysis Date: 1/4/2024 | SeqNo: 3775239 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-79739 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 79739 | RunNo: 102237 | | | | | | | | |
| Prep Date: 1/4/2024 | Analysis Date: 1/4/2024 | SeqNo: 3775240 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 93.8 | 90 | 110 | | | |

| Sample ID: MB-79773 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 79773 | RunNo: 102317 | | | | | | | | |
| Prep Date: 1/8/2024 | Analysis Date: 1/8/2024 | SeqNo: 3778296 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-79773 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 79773 | RunNo: 102317 | | | | | | | | |
| Prep Date: 1/8/2024 | Analysis Date: 1/8/2024 | SeqNo: 3778297 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 93.0 | 90 | 110 | | | |

| Sample ID: MB-79786 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 79786 | RunNo: 102317 | | | | | | | | |
| Prep Date: 1/8/2024 | Analysis Date: 1/8/2024 | SeqNo: 3778327 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-79786 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 79786 | RunNo: 102317 | | | | | | | | |
| Prep Date: 1/8/2024 | Analysis Date: 1/8/2024 | SeqNo: 3778328 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 92.3 | 90 | 110 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312D08

11-Jan-24

Client: R.T. Hicks Consultants, LTD
Project: Vintage Drilling Section 35 Release Site

| Sample ID: LCS-79674 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 79674 | RunNo: 102212 | | | | | | | | |
| Prep Date: 1/2/2024 | Analysis Date: 1/3/2024 | SeqNo: 3773288 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 58 | 10 | 50.00 | 0 | 117 | 61.9 | 130 | | | |
| Surr: DNOP | 6.5 | | 5.000 | | 130 | 69 | 147 | | | |

| Sample ID: LCS-79677 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 79677 | RunNo: 102212 | | | | | | | | |
| Prep Date: 1/2/2024 | Analysis Date: 1/3/2024 | SeqNo: 3773289 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 52 | 10 | 50.00 | 0 | 105 | 61.9 | 130 | | | |
| Surr: DNOP | 5.8 | | 5.000 | | 117 | 69 | 147 | | | |

| Sample ID: MB-79674 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 79674 | RunNo: 102212 | | | | | | | | |
| Prep Date: 1/2/2024 | Analysis Date: 1/3/2024 | SeqNo: 3773291 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 12 | | 10.00 | | 116 | 69 | 147 | | | |

| Sample ID: MB-79677 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 79677 | RunNo: 102212 | | | | | | | | |
| Prep Date: 1/2/2024 | Analysis Date: 1/3/2024 | SeqNo: 3773292 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 12 | | 10.00 | | 122 | 69 | 147 | | | |

| Sample ID: 2312D08-042AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: L11 4.0'-4.5' | Batch ID: 79677 | RunNo: 102236 | | | | | | | | |
| Prep Date: 1/2/2024 | Analysis Date: 1/4/2024 | SeqNo: 3774640 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 76 | 9.5 | 47.30 | 52.90 | 49.5 | 54.2 | 135 | | | S |
| Surr: DNOP | 5.9 | | 4.730 | | 124 | 69 | 147 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312D08

11-Jan-24

Client: R.T. Hicks Consultants, LTD
Project: Vintage Drilling Section 35 Release Site

| Sample ID: 2312D08-042AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|--------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: L11 4.0'-4.5' | Batch ID: 79677 | RunNo: 102236 | | | | | | | | |
| Prep Date: 1/2/2024 | Analysis Date: 1/4/2024 | SeqNo: 3774641 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 85 | 9.4 | 47.21 | 52.90 | 68.5 | 54.2 | 135 | 11.1 | 29.2 | |
| Surr: DNOP | 6.2 | | 4.721 | | 132 | 69 | 147 | 0 | 0 | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312D08

11-Jan-24

Client: R.T. Hicks Consultants, LTD
Project: Vintage Drilling Section 35 Release Site

| Sample ID: ics-79614 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|----------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 79614 | RunNo: 102164 | | | | | | | | |
| Prep Date: 12/27/2023 | Analysis Date: 12/29/2023 | SeqNo: 3771175 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 94.4 | 70 | 130 | | | |
| Surr: BFB | 2300 | | 1000 | | 227 | 15 | 244 | | | |

| Sample ID: mb-79614 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|----------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 79614 | RunNo: 102164 | | | | | | | | |
| Prep Date: 12/27/2023 | Analysis Date: 12/29/2023 | SeqNo: 3771176 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 1100 | | 1000 | | 105 | 15 | 244 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312D08

11-Jan-24

Client: R.T. Hicks Consultants, LTD
Project: Vintage Drilling Section 35 Release Site

| Sample ID: ics-79614 | SampType: LCS | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 79614 | | RunNo: 102164 | | | | | | | |
| Prep Date: 12/27/2023 | Analysis Date: 12/29/2023 | | SeqNo: 3771228 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.98 | 0.025 | 1.000 | 0 | 97.7 | 70 | 130 | | | |
| Toluene | 0.98 | 0.050 | 1.000 | 0 | 97.6 | 70 | 130 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 99.8 | 70 | 130 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 100 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 104 | 39.1 | 146 | | | |

| Sample ID: mb-79614 | SampType: MBLK | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 79614 | | RunNo: 102164 | | | | | | | |
| Prep Date: 12/27/2023 | Analysis Date: 12/29/2023 | | SeqNo: 3771229 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 101 | 39.1 | 146 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Environment Testin™

Eurofins Environment Testing South Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: R.T. Hicks Consultants, Work Order Number: 2312D08 RcptNo: 1

Received By: Nick Lowman 12/21/2023 3:40:00 PM *Nick Lowman*
Completed By: Cheyenne Cason 12/21/2023 4:46:11 PM *Cason*
Reviewed By: *[Signature]* 12/22/23 Extra Samples 12-27-23

Chain of Custody

- 1. Is Chain of Custody complete? Yes No Not Present
- 2. How was the sample delivered? Client

Log In

- 3. Was an attempt made to cool the samples? Yes No NA
- 4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 5. Sample(s) in proper container(s)? Yes No
- 6. Sufficient sample volume for indicated test(s)? Yes No
- 7. Are samples (except VOA and ONG) properly preserved? Yes No
- 8. Was preservative added to bottles? Yes No NA
- 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA
- 10. Were any sample containers received broken? Yes No
- 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes No *12/21/23*
- 12. Are matrices correctly identified on Chain of Custody? Yes No
- 13. Is it clear what analyses were requested? Yes No
- 14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: *SCM 12/22/23*
Extra Samples in 12/27/23

Special Handling (if applicable)

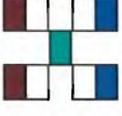
- 15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____ Date: _____
By Whom: _____ Via: eMail Phone Fax In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks: *COC missing sample information/analysis request for samples -004 then -009. 12/21/23*

17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 3.6 | Good | Not Present | Morty | | |
| 2 | 8.9 | Good | Not Present | Morty | | |



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Turn-Around Time: Standard Rush

Project Name: Vintage Drilling

Section 35 Release Site

Project #:

Client: RT Hicks Consultants

Mailing Address: 901 Rio Grande NW Ste. F-142 Albuquerque, NM 87104

Phone #: 505 266 5004

email or Fax#: david@rthicksconsult.com

QA/QC Package: Standard Level 4 (Full Validation)

Accreditation: Az Compliance NELAC Other

EDD (Type)

Project Manager: D. Hamilton

Sampler: DH

On Ice: Yes No

of Coolers: 2

Cooler Temp (including CP):

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|-------|-------|--------|----------------|----------------------|-------------------|----------|
| 12/20 | 11:25 | soil | L5 0'-2' | 4 oz glass | | 2312008 |
| 12/20 | 11:25 | soil | L5 2'-4' | 4 oz glass | | 013 |
| 12/20 | 11:30 | soil | L5 4.0'-4.5' | 4 oz glass | | 014 |
| 12/20 | 11:35 | soil | L5-2 0'-2' | 4 oz glass | | 015 |
| 12/20 | 11:35 | soil | L5-2 2'-4' | 4 oz glass | | 016 |
| 12/20 | 11:40 | soil | L5-2 4.0'-4.5' | 4 oz glass | | 017 |
| 12/20 | 11:50 | soil | L7 0'-2' | 4 oz glass | | 018 |
| 12/20 | 11:50 | soil | L7 2'-4' | 4 oz glass | | 019 |
| 12/20 | 11:55 | soil | L7 4.0'-4.5' | 4 oz glass | | 020 |
| 12/20 | 12:05 | soil | L7-2 0'-2' | 4 oz glass | | 021 |
| 12/20 | 12:05 | soil | L7-2 2'-4' | 4 oz glass | | 022 |
| 12/20 | 12:15 | soil | L7-2 4.0'-4.5' | 4 oz glass | | 023 |
| 12/20 | 12:15 | soil | L7-2 4.0'-4.5' | 4 oz glass | | 024 |

Date: 7/21/2024 Relinquished by: David Hamilton

Date: 7/21/2024 Relinquished by: David Hamilton

Received by: Via: Date: Time

Received by: Via: Date: Time

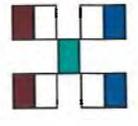
Analysis Request

| 8081 Pesticides/8082 PCBs | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | CF, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) |
|------------------------------|--------------------|--------------------------|---------------|---|------------|-----------------|---------------------------------|
| (PH:8015D)(GRO / DRO / MRO) | | | | | | | |
| (BTEX) / MTBE / TMB's (8021) | | | | | | | |

Remarks: Cooler TEMPS 8.9 - 0 = 8.9 3.6 - 0 = 3.6

Marty AL 12/21/23

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Turn-Around Time: _____
 Standard Rush
 Project Name: Vintage Drilling

Section 35 Release Site
 Project #:

Project Manager:
 D. Hamilton

Sampler: DH
 On Ice: Yes No

of Coolers: 8
 Cooler Temp (including CF): _____

| Container Type and # | Preservative Type | HEAL No. |
|----------------------|-------------------|---------------|
| 4 oz glass | | 2312008 |
| 4 oz glass | | 230-00-101123 |
| 4 oz glass | | 025 |
| 4 oz glass | | 026 |
| 4 oz glass | | 027 |
| 4 oz glass | | 028 |
| 4 oz glass | | 029 |
| 4 oz glass | | 030 |
| 4 oz glass | | 031 |
| 4 oz glass | | 032 |
| 4 oz glass | | 033 |
| 4 oz glass | | 034 |
| 4 oz glass | | 035 |
| 4 oz glass | | 036 |

| Date | Time | Matrix | Sample Name |
|-------|-------|--------|-----------------|
| 12/20 | 12:20 | soil | L8 0'-2' |
| 12/20 | 12:20 | soil | L8 2'-4' |
| 12/20 | 12:25 | soil | L8 4.0'-4.5' |
| 12/20 | 12:35 | soil | L8-2 0'-2' |
| 12/20 | 12:35 | soil | L8-2 2'-4' |
| 12/20 | 12:40 | soil | L8-2 4.0'-4.5' |
| 12/20 | 12:50 | soil | L10 0'-2' |
| 12/20 | 12:50 | soil | L10 2'-4' |
| 12/20 | 12:55 | soil | L10 4.0'-4.5' |
| 12/20 | 13:05 | soil | L10-2 0'-2' |
| 12/20 | 13:05 | soil | L10-2 2'-4' |
| 12/20 | 13:10 | soil | L10-2 4.0'-4.5' |

Date: 7/21/2024 Relinquished by: David Hamilton
 Time: 15:10
 Date: 12/21/23 Relinquished by: Nisum CDO
 Time: 1540

| Analysis Request | | | | | | | | | | |
|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|---------------------------------|--|--|--|
| 8081 Pesticides/8082 PCBs | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | CLF, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | | | |
| TPH:8015D(GRO / DRO / MRO) | X | X | X | X | X | X | X | | | |
| BTEX / MTBE / TMBs (8021) | X | X | X | X | X | X | X | | | |

Remarks:
 Cooler Temps 8.9 - 0 = 8.9
 3.6 - 0 = 3.6
 MORTY N 12/21/23

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Client: RT Hicks Consultants
 Mailing Address: 901 Rio Grande NW Ste. F-142
 Albuquerque, NM 87104
 Phone #: 505 266 5004
 email or Fax#: david@rthicksconsult.com



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

Turn-Around Time: Standard Rush
 Project Name: Vintage Drilling
 Section 35 Release Site
 Project #:
 Project Manager:
 D. Hamilton
 Sampler: DH
 On Ice: Yes No
 # of Coolers: 2
 Cooler Temp (including CF):

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|-------|-------|--------|-----------------|----------------------|-------------------|----------|
| 12/20 | 13:15 | soil | L10-3 0'-2' | 4 oz glass | | 2312008 |
| 12/20 | 13:15 | soil | L10-3 2'-4' | 4 oz glass | | 037 |
| 12/20 | 13:20 | soil | L10-3 4.0'-4.5' | 4 oz glass | | 038 |
| 12/20 | 14:10 | soil | L11 0'-2' | 4 oz glass | | 039 |
| 12/20 | 14:10 | soil | L11 2'-4' | 4 oz glass | | 040 |
| 12/20 | 14:15 | soil | L11 4.0'-4.5' | 4 oz glass | | 041 |
| 12/20 | 14:20 | soil | L11-2 0'-2' | 4 oz glass | | 042 |
| 12/20 | 14:20 | soil | L11-2 2'-4' | 4 oz glass | | 043 |
| 12/20 | 14:25 | soil | L11-2 4.0'-4.5' | 4 oz glass | | 044 |
| 12/20 | 14:30 | soil | L11-3 0'-2' | 4 oz glass | | 045 |
| 12/20 | 14:30 | soil | L11-3 2'-4' | 4 oz glass | | 046 |
| 12/20 | 14:35 | soil | L11-3 4.0'-4.5' | 4 oz glass | | 048 |
| 12/20 | 14:35 | soil | L11-3 4.0'-4.5' | 4 oz glass | | 049 |

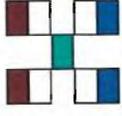
QA/QC Package: Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Analysis Request:
 BTEX / MTBE / TMB's (8021)
 TPH-8015D(GRO / DRO / MRO)
 8081 Pesticides/8082 PCB's
 EDB (Method 504.1)
 PAHs by 8310 or 8270SIMS
 RCRA 8 Metals
 Cl, F, Br, NO₃, NO₂, PO₄, SO₄
 8260 (VOA)
 8270 (Semi-VOA)
 Total Coliform (Present/Absent)

Date: 12/20/23
 Time: 15:40
 Relinquished by: David Hamilton
 Date: 12/21/23
 Time: 1540
 Relinquished by: Nijun CDD
 Date: 12/21/23
 Time: 1540

Received by: Via: Date: Time
 Received by: Via: Date: Time

Remarks:
 Cooler Temps 8.9-0=8.9 MORTY M 12/21/23
 3.6-0=3.6



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Turn-Around Time: _____
 Standard Rush
 Project Name: Vintage Drilling
 Section 35 Release Site
 Project #:

Client: RT Hicks Consultants
 Mailing Address: 901 Rio Grande NW Ste. F-142
 Albuquerque, NM 87104
 Phone #: 505 266 5004
 email or Fax#: david@rthicksconsult.com

Project Manager: D. Hamilton
 Sampler: DH
 On Ice: Yes No
 # of Coolers: 2
 Cooler Temp (including CF): _____

QA/QC Package: Standard Level 4 (Full Validation)
 Accreditation: Az Compliance NELAC Other
 EDD (Type) _____

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. | Analysis Request | | | | | | | | | | | |
|-------|-------|--------|-----------------|----------------------|-------------------|----------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|---------------------------------|--|--|--|--|
| | | | | | | | 8081 Pesticides/8082 PCB's | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | | | | |
| 12/20 | 14:45 | soil | L13 0'-2' | 4 oz glass | | 2312 D08 | | | | | | | | | | | | |
| 12/20 | 14:45 | soil | L13 2'-4' | 4 oz glass | | 049 | | | | | | | | | | | | |
| 12/20 | 14:50 | soil | L13 4.0'-4.5' | 4 oz glass | | 050 | | | | | | | | | | | | |
| 12/20 | 15:25 | soil | L16-2 0'-2' | 4 oz glass | | 051 | | | | | | | | | | | | |
| 12/20 | 15:25 | soil | L16-2 2'-4' | 4 oz glass | | 052 | | | | | | | | | | | | |
| 12/20 | 15:30 | soil | L16-2 4.0'-4.5' | 4 oz glass | | 053 | | | | | | | | | | | | |
| 12/20 | 15:40 | soil | L16 0'-2' | 4 oz glass | | 054 | | | | | | | | | | | | |
| 12/20 | 15:40 | soil | L16 2'-4' | 4 oz glass | | 055 | | | | | | | | | | | | |
| 12/20 | 15:45 | soil | L16 4.0'-4.5' | 4 oz glass | | 056 | | | | | | | | | | | | |
| 12/20 | 15:50 | soil | L15 0'-2' | 4 oz glass | | 057 | | | | | | | | | | | | |
| 12/20 | 15:50 | soil | L15 2'-4' | 4 oz glass | | 058 | | | | | | | | | | | | |
| 12/20 | 15:50 | soil | L15 2'-4' | 4 oz glass | | 059 | | | | | | | | | | | | |
| 12/20 | 15:55 | soil | L15 4.0'-4.5' | 4 oz glass | | 060 | | | | | | | | | | | | |

TPH: 8015D(GRO / DRO / MRO) BTEX / MTBE / TMB's (8021)

Remarks: Cooler Temps 8.9 - 0 = 8.9 3.0 - 0 = 3.0 Mottly 12/21/2

Received by: Neil Jan CDO 12/23 1540 Date Time
 Relinquished by: David Hamilton
 Date: 12/21 15:40
 Received by: _____ Date Time
 Relinquished by: _____ Date Time

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

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

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

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 365851

QUESTIONS

| | |
|--|--|
| Operator: VINTAGE DRILLING LLC P. O. Box 248 Artesia, NM 88211024 | OGRID: 24164 |
| | Action Number: 365851 |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2223549434 |
| Incident Name | NAPP2223549434 WATER TRANSFER LINE @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Plan Received |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|---------------------|
| Site Name | WATER TRANSFER LINE |
| Date Release Discovered | 08/19/2022 |
| Surface Owner | Private |

Incident Details

Please answer all the questions in this group.

| | |
|--|------------------------|
| 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

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

| | |
|--|--|
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Flow Line - Production Crude Oil Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Flow Line - Production Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | water transfer line came apart at poly fuse. Estimated volume calculation attached but actual is unknown |

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

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

QUESTIONS, Page 2

Action 365851

QUESTIONS (continued)

| | |
|--|--|
| Operator: VINTAGE DRILLING LLC P. O. Box 248 Artesia, NM 88211024 | OGRID: 24164 |
| | Action Number: 365851 |
| | 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: 07/22/2024 |
|--|--|

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

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

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

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 365851

QUESTIONS (continued)

| | |
|--|--|
| Operator: VINTAGE DRILLING LLC P. O. Box 248 Artesia, NM 88211024 | OGRID: 24164 |
| | Action Number: 365851 |
| | 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 75 and 100 (ft.) |
| What method was used to determine the depth to ground water | Direct Measurement |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between 1 and 5 (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 1000 (ft.) and ½ (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1000 (ft.) and ½ (mi.) |
| Any other fresh water well or spring | Between 1000 (ft.) and ½ (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between ½ and 1 (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Between 1 and 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Medium |
| 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) | 22000 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 20900 |
| GRO+DRO (EPA SW-846 Method 8015M) | 12000 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 1 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

| | |
|---|------------|
| On what estimated date will the remediation commence | 09/07/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 11/07/2024 |
| On what date will (or was) the remediation complete(d) | 11/07/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed | 20806 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 5704 |
| What is the estimated surface area (in square feet) that will be remediated | 20806 |
| What is the estimated volume (in cubic yards) that will be remediated | 5704 |

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.

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

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

QUESTIONS, Page 4

Action 365851

QUESTIONS (continued)

| | |
|--|--|
| Operator: VINTAGE DRILLING LLC P. O. Box 248 Artesia, NM 88211024 | OGRID: 24164 |
| | Action Number: 365851 |
| | 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 | LEA LAND LANDFILL [fEEM0112342028] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | 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: Andrew Parker Title: Consultant Email: andrew@mcnabbpartners.com Date: 07/22/2024 |
|--|--|

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.

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

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

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

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 5

Action 365851

QUESTIONS (continued)

| | |
|--|--|
| Operator: VINTAGE DRILLING LLC P. O. Box 248 Artesia, NM 88211024 | OGRID: 24164 |
| | Action Number: 365851 |
| | 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 |

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

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

QUESTIONS, Page 6

Action 365851

QUESTIONS (continued)

| | |
|--|--|
| Operator: VINTAGE DRILLING LLC P. O. Box 248 Artesia, NM 88211024 | OGRID: 24164 |
| | Action Number: 365851 |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

| Sampling Event Information | |
|---|-------------------|
| Last sampling notification (C-141N) recorded | 295928 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 12/20/2023 |
| What was the (estimated) number of samples that were to be gathered | 75 |
| What was the sampling surface area in square feet | 18400 |

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 |
|--|----|

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

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

CONDITIONS

Action 365851

CONDITIONS

| | |
|--|---|
| Operator: VINTAGE DRILLING LLC P. O. Box 248 Artesia, NM 88211024 | OGRID: 24164 |
| | Action Number: 365851 |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| amaxwell | Remediation plan approved. | 7/22/2024 |
| amaxwell | Variance request to collect confirmation samples every 300 square feet is approved. | 7/22/2024 |
| amaxwell | <ul style="list-style-type: none"> The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan. | 7/22/2024 |
| amaxwell | Submit a report via the OCD permitting portal by November 25, 2024. | 7/22/2024 |