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								
Output		[gal]	19064.0								
		Barrels	453.9								

Fron	n GIS
Sq. Ft	20804
Depth (ft)	3.5
Cu. Ft	72814



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.





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.

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### 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> <li>A continuously flowing watercourse or any other significant watercourse. Plate 4</li> </ul>	1.39 miles to the SW
<ul> <li>Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark). Plate 4</li> </ul>	2.6 miles to NE (not seen on map extent)
<ul> <li>An occupied permanent residence, school, hospital, institution or church.</li> </ul> Plate 5	Ranch 2125 ft to SE Multiple Ranches outside of ½ mile buffer
<ul> <li>A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes. Plate 3</li> </ul>	0.41 miles to the NE 0.46 miles to the SE
• Any other fresh water well or spring. Plate 3	0.41 miles to the NE 0.46 miles to the SE

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<ul> <li>Incorporated municipal boundaries or a defined</li> </ul>	>5 miles; (not seen on
municipal fresh water well field. Plate 3	map extent)
• A wetland. Plate 6	1 mile West SW
• A subsurface mine. Plate 7	>5 miles
A (non-karst) unstable area.	>1 miles
<ul> <li>Categorize the risk of this well/site being in a karst geology. Plate 8</li> </ul>	Medium
• 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
production, or storage site:	

## 1.5. Soil/Waste Characteristics

The USDA Natural Resources Conservation Service (NRCS) soil survey<sup>1</sup> describes the upper 7-feet of lithology as:

Reagan Loam, 1 to 3% slopes, eroded: with a composition of

o H1 - 0 to 8 inches: loam

o 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.

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



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	GRO+DRO	TPH Ext.	Benzene	ВТЕХ
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(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" 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

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

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



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	Yes
submission?	
Have the lateral and vertical extents of the	Horizontal delineation – yes
contamination been fully delineated (attach report	Additional vertical delineation
demonstrating lateral and vertical extents)?	will be obtained during
	remediation
Was this release entirely contained within a lined	No
containment area?	
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	Within 30 days of plan
commence	approval
On what date will (or did) the final sampling or liner	Within 60 days of initiating
inspection occur	excavation.
On what date will (or was) the remediation	Within 60 days of initiating
completed	excavation.
What is the estimated surface area (in square feet)	20,806
that will be reclaimed	
What is the estimated volume (in cubic yards) that	5704
will be reclaimed	
What is the estimated surface area (in square ft) that	20,806
will be remediated	
What is the estimated volume (in cubic yards) that	5704
will be remediated	

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The remediation will (or is expected to) utilize the	
following processes to remediate/reduce	
contaminants:	
<ul> <li>Excavation and off-site disposal</li> </ul>	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.

	Area (Sq			
Sample Location	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.

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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,

Andrew Parker

**Environmental Manager** 

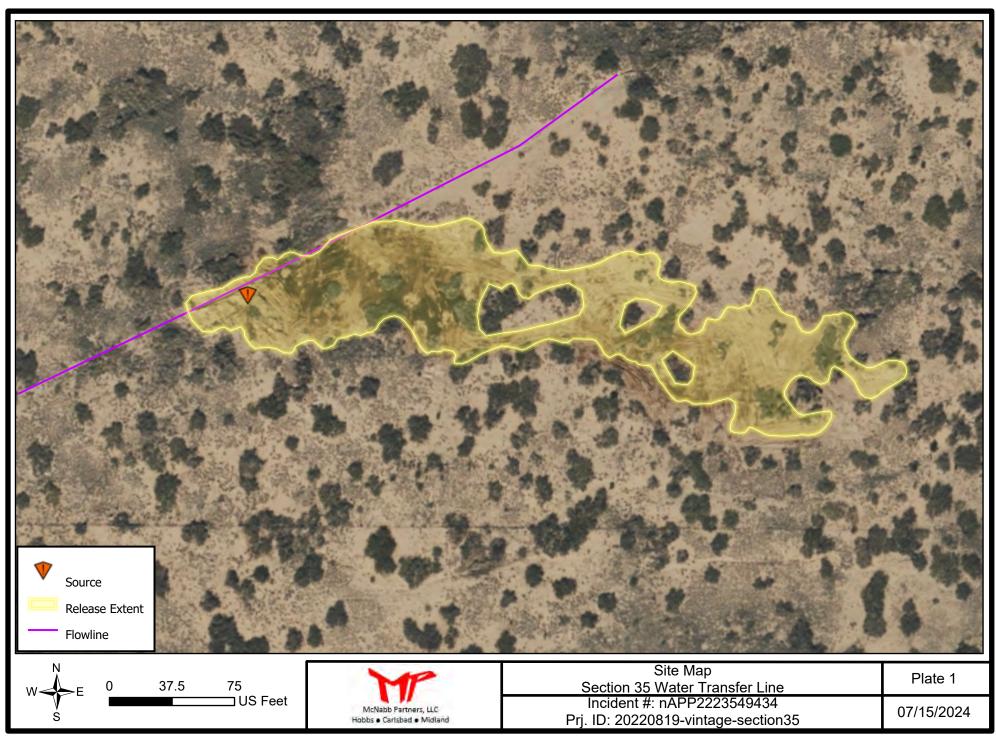
McNabb Partners c: (970) 570-9535

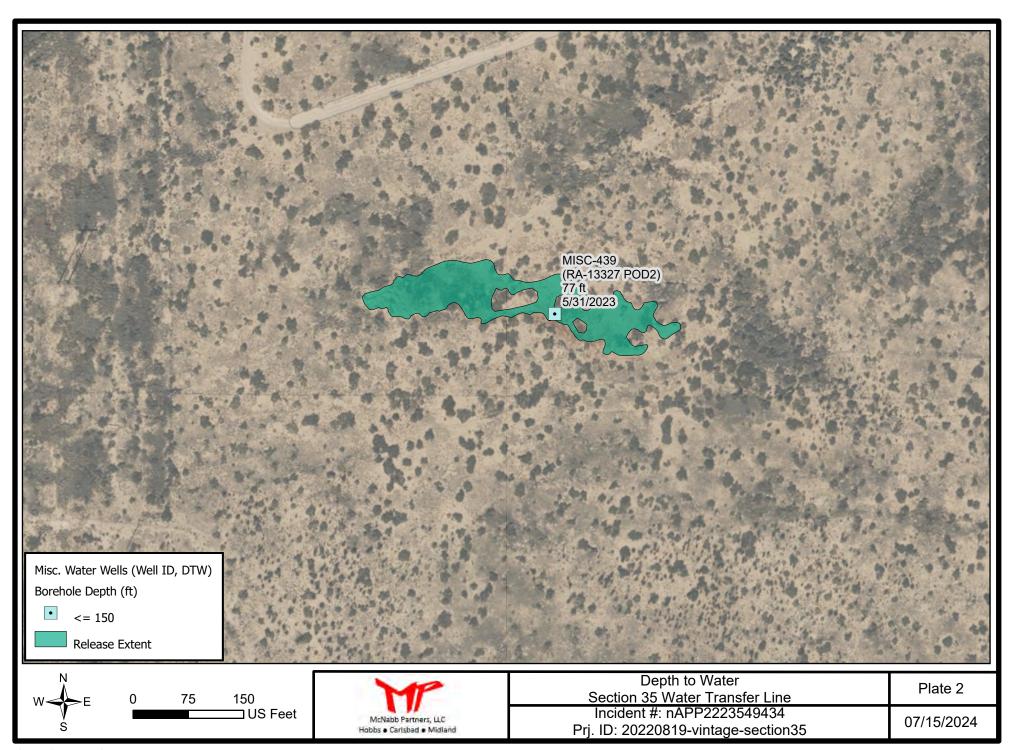
Copy: William Hope, Vintage Drilling LLC

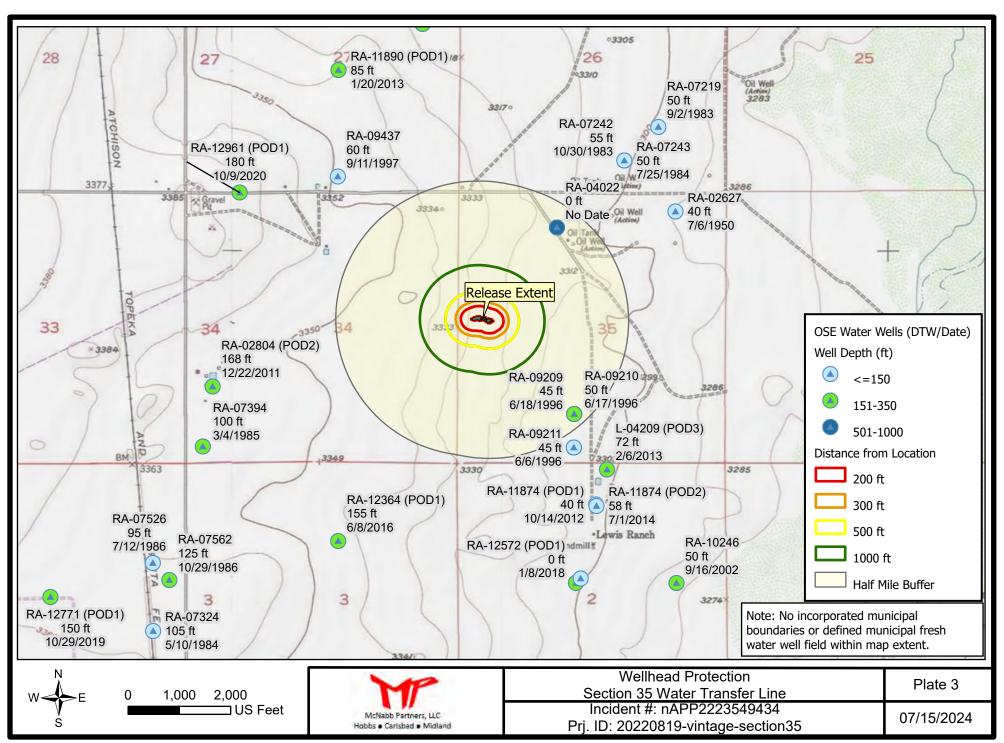
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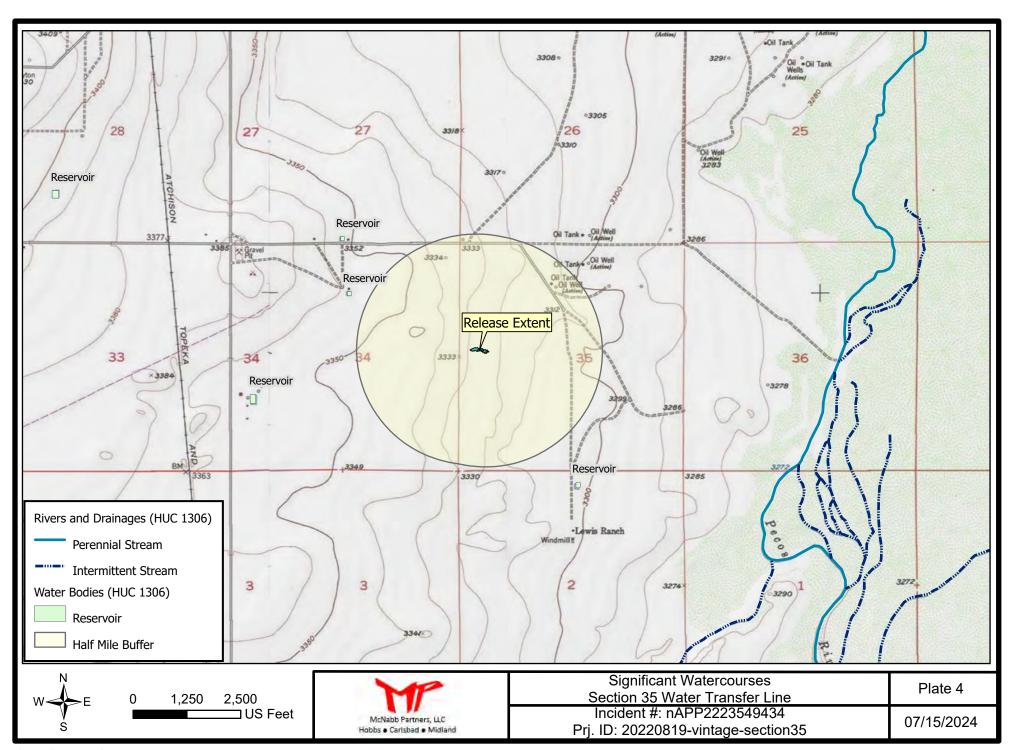
## **Plates**

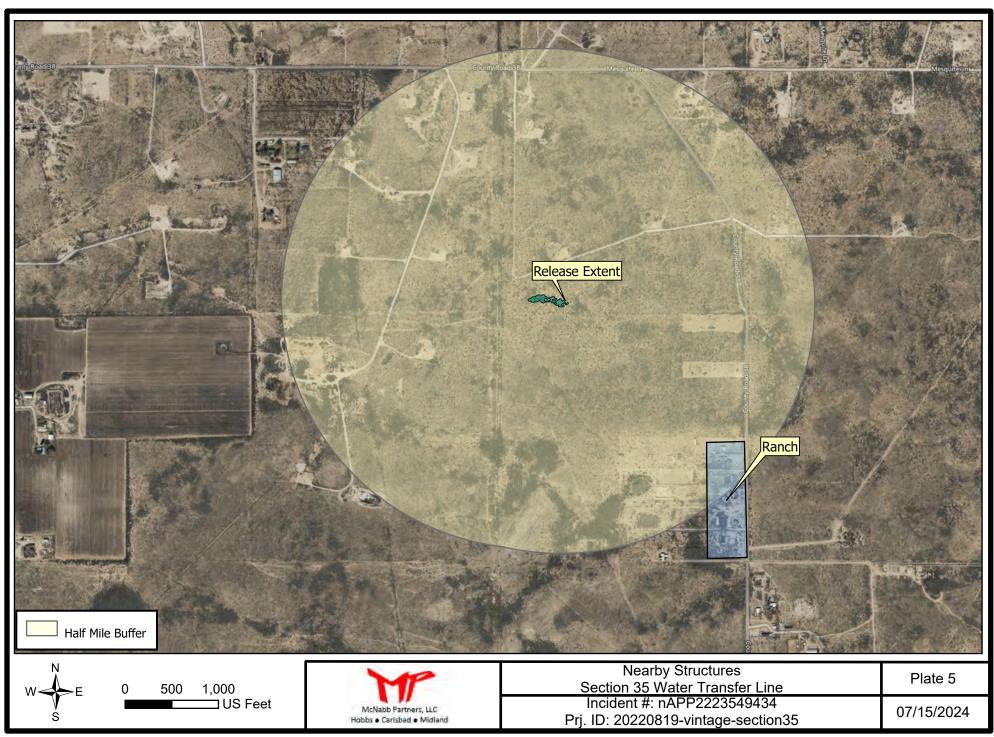


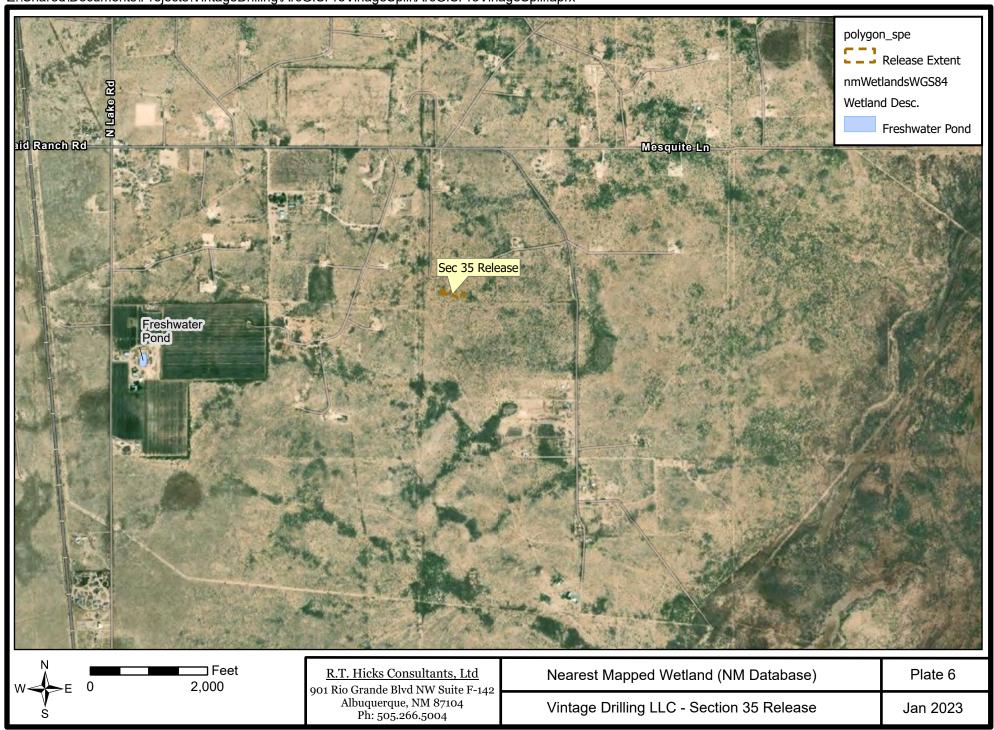


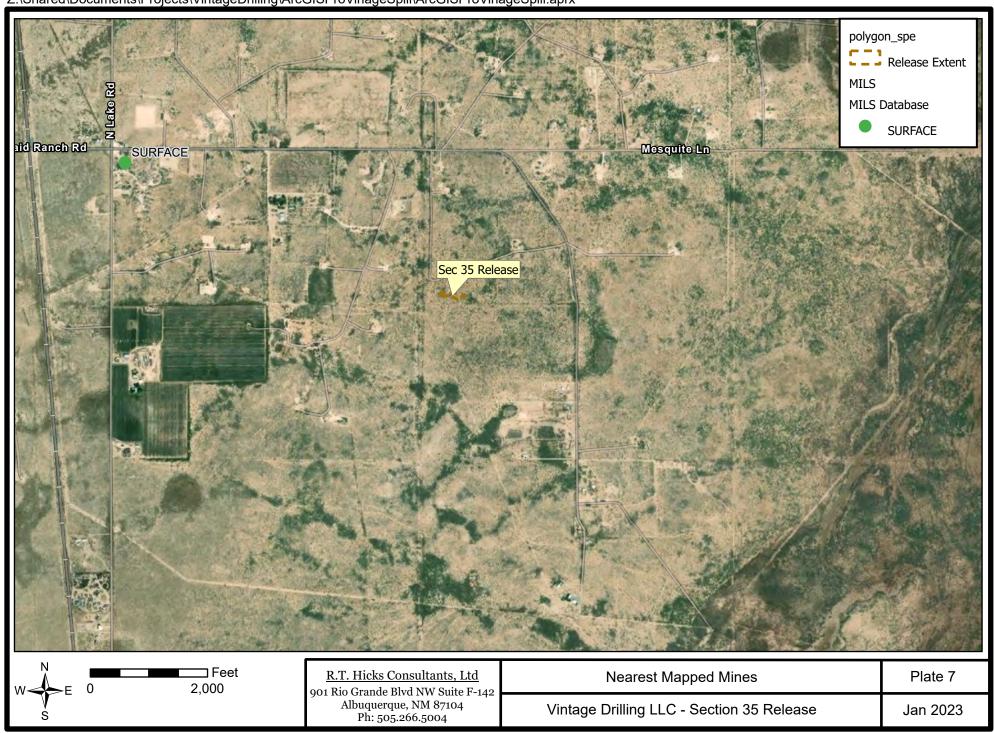






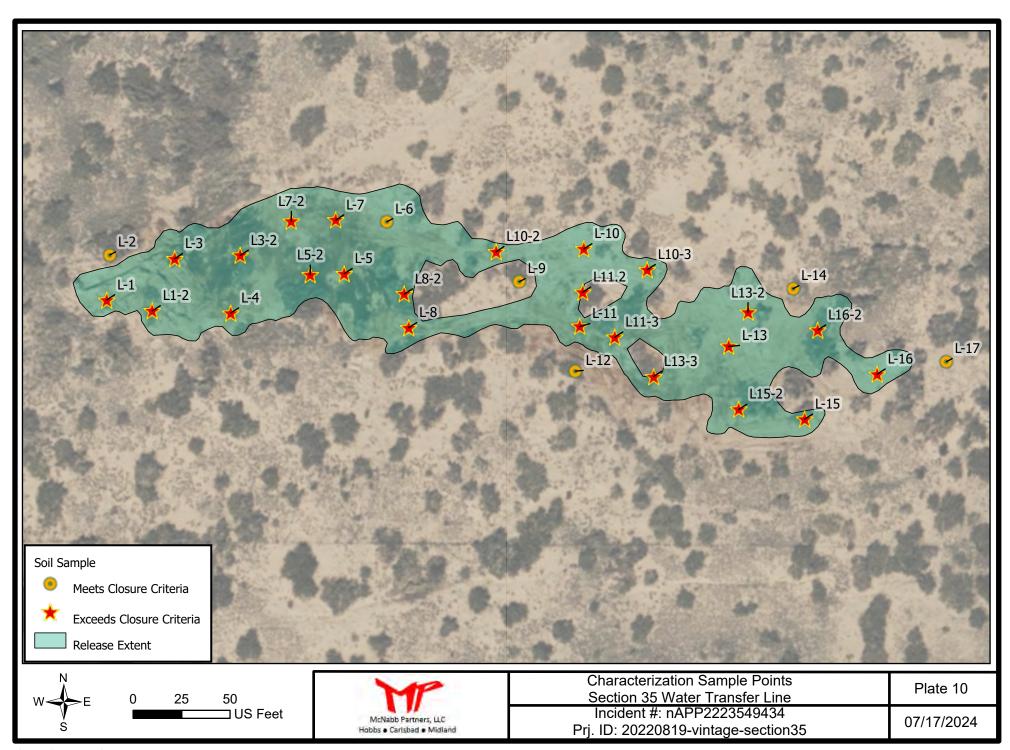






polygon\_spe Release Extent Karst Potential KarstPotential High Low Medium Sec 35 Release ☐ Feet R.T. Hicks Consultants, Ltd **BLM Mapped Karst Potential** Plate 8 2,000 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 Ph: 505.266.5004 Vintage Drilling LLC - Section 35 Release Jan 2023

polygon\_spe Release Extent **USA Flood Hazard Areas** 1% Annual Chance Flood Hazard Sec 35 Release □Miles R.T. Hicks Consultants, Ltd **FEMA Mapped Flood Hazards** Plate 9 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 Ph: 505.266.5004 Vintage Drilling LLC - Section 35 Release Jan 2023



## **Tables**



Incident ID: nAPP22235494**Page 22 of 234**Section 35 Water Transfer Line

Project ID: 20220819-vintage-section35

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 i	n-use"					600					100	10	50			
> 4 ft or "in-use"	450					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

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Section 35 Water Transfer Line

Section :	35 Water Transfer Line
Project ID: 20220	819-vintage-section35

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 C	riteria															
0 - 4 feet & "not in	n-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

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Incident ID: nAPP22235494Page 24 of 234 Section 35 Water Transfer Line

Project ID: 20220819-vintage-section35

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 Closur	re Criteria															
0 - 4 feet & "no	ot 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

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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 detect	able														

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# **Appendix A**

**Communications** 





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Searches v

Operator Data 🗸

**Hearing Fee Application** 

## **OCD Permitting**

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.

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ONSERVATION OF SERVICES

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Searches V Operator Data V Hearing Fee Application

 Incident Type
 Produced Water Release

 Incident Status
 Remediation Plan Received

Incident Well Unavailable

Incident Facility Unavailable.

#### **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 No

watercourse

Has this release endangered or does it have a reasonable probability of endangering No

public health

Has this release substantially damaged or will it substantially damage property or the

environment

Is this release of a volume that is or may with reasonable probability be detrimental

to fresh water

#### 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.

SALE OF NEW MENGO

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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

Reasons why this would be considered a submission for a notification of a major

From paragraph A. "Major release" determine using:

release (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

pads, or other containment devices

All free liquids and recoverable materials have been removed and managed

appropriately

If all the actions described above have not been undertaken, explain why

Not answered.

True

True

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

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OF NEW MENGO

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Searches V Operator Data V Hearing Fee Application

What is the shallowest depth to groundwater beneath the area affected by the Between 75 and 100 (ft.)

release in feet below ground surface (ft bgs)

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 Between 1000 (ft.) and ½ (mi.)

domestic or stock watering purposes

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 No.

storage site

#### **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

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



SIGN-IN HELP

Searches 
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On what date will (or did) the final sampling or liner inspection occur

O7/25/2024

On what date will (or was) the remediation complete(d)

What is the estimated surface area (in square feet) that will be reclaimed

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

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.

890

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 <b>off-site</b> 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.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> 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

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SIGN-IN HELP

Searches V Operator Data V Hearing Fee Application

Date. 00/10/2024

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

#### Sampling Event Information

Last sampling notification (C-141N) recorded 295928

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 12/20/2023

19.15.29.12 NMAC

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.

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SIGN-IN HELP



Searches V Operator Data V Hear

**Hearing Fee Application** 

#### 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.

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EMNRD Home

OCD Main Page

OCD Rules

Help

# **Appendix B**

**Well Logs** 





1. GENERAL AND WELL LOCATION	OSE POD NO.		.)	WELL TAG ID NO.		OSE FILE NO(						
		POD 2				RA-13327						
	WELL OWNER Wi	R NAME(S) illiam Ho			PHONE (OPTIONAL)							
	WELL OWNER	R MAILING Box 248			CITY Artesia		STATE NM	ZIP 88220				
	(FROM GPS)		DI FITUDE NGITUDE	32 42 1	ONDS 6.7 N	* ACCURACY * DATUM REC	TH OF A SECOND					
	DESCRIPTION	WNSHJIP, RANGE) WH	IERE AVAILABLE									
	LICENSE NO. WD-13	348	NAME OF LICENSED	DRILLER Clinton E Taylor			NAME OF WELL DR Taylor	ILLING COMPANY Water Well Service				
N	DRILLING STARTED 5/31/2023		DRILLING ENDED 5/31/2023	DEPTH OF COMPLETED WELL (FT) 102	LE DEPTH (FT) 102	DEPTH WATER FIRST ENCOUNTERED (FT) 96						
	COMPLETED	WELL IS:	ARTESIAN *add Centralizer info be	DRY HOLE SHALLOW (UNC	CONFINED)		WATER LEVEL PLETED WELL 77 DATE STATIC M 6/1/20					
ATIC	DRILLING FLU	UID:	✓ AIR	MUD ADDITIVES - SPI	ECIFY:							
RM	DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER - SPECIFY: CHECK HERE IF PITLESS ADAPTER INSTALLED											
CASING INFORMATION	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CONN	ASING NECTION TYPE ling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)			
8			1 2 2	[4]	7 11 1	3	V	7 <u>1</u> -831				
DRILLING								4				
2.						31	ci					
				LIST ANNULAR SEAL MATERIAL A	ND GRAVEI	PACK SIZE-						
7	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	RANGE BY INTE		AMOUNT	METHO					
TERIA	FROM TO		Di Mi. (menes)	*(if using Centralizers for Artesian wells	Artesian wells- indicate the spacing l		(cubic feet)	PLACE	VIEN I			
ANNULAR MATERIAL												
3. ANNU												
	OSE INTERN											

FOR OSE INTERNAL USE

FILE NO.

POD NO.

WELL TAG ID NO.

PAGE 1 OF 2

	DEPTH (feet bgl)			COLOR AND TYPE OF MATERIA	WATER	ESTIMATED YIELD FOR						
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIE (attach supplemental sheets to ful	S OR FRACTURE ZONES	BEARING? (YES / NO)	WATER- BEARING ZONES (gpm)					
	0	18	18	Sand: clr, ambr, fn grn, sme silt, s	sme layers brn clay	Y VN						
	18	19	1	Calciche		Y VN	1					
	19	25	6	Sand: clr, frstd, ambr, fn-med grn, sr	ne caliche, sme gravel	Y VN						
	25	35	10	Sand: clr, frstd, vfn grn, sme silt, sn	ne gravel, sme rd clay	Y VN						
	35	46	11	Clay: gry, yel gry, smth-sli	y, sme sndy	Y VN						
T	46	96	50	Clay: dk gry, smth	-slty	Y VN	7					
WE	96	102	6	Clay+Gravel: dk gry, 1/8"-14" g	gry-yel brn gravel	VY N	1.00					
OF			*****		1 100 0	Y N						
200						Y N						
ICI						Y N						
3						Y N						
4. HYDROGEOLOGIC LOG OF WELL						Y N						
						Y N	1016					
						Y N						
						Y N						
			La la			Y N						
						Y N						
						Y N						
			0.00			Y N						
						Y N						
						Y N						
	METHOD U	TAL ESTIMATED ELL YIELD (gpm):	1									
,	WELL TES	DING DISCHARGE	METHOD,									
TEST; RIG SUPERVISION	MISCELLANEOUS INFORMATION: There was no obvious sign of water on 5/31/2023. Came back to location on 6/1/2023. Measured the static water level at 77'. Air lifted the hole and water came out. Shut down three times at twenty minute intervals and water came out each time. The hole will be plugged at a later date.  PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE.											
6. SIGNATURE 5.	CORRECT F	RECORD OF	OF THE ABOVE D DLDER WITHIN 3	TIES THAT, TO THE BEST OF HIS OR HER DESCRIBED HOLE AND THAT HE OR SHE TO DAYS AFTER COMPLETION OF WELL D  CE Taylor  R / PRINT SIGNEE NAME	WILL FILE THIS WELL REC	, THE FOREGOING ORD WITH THE ST	IS A TRUE AN					
				The state of the s	10.10.10.10.10.10.10.10.10.10.10.10.10.1							
	R OSE INTERI E NO.	NAL USE	MEGIES	POD NO.	WR-20 WELL I	RECORD & LOG (V	ersion 09/22/202					
	CATION			100110.	11110.		PAGE 2 OF					



## PLUGGING RECORD



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

Vell o	wner: William Hope				Phone 1	No.:		
Mailing	g address: PO Box 248	3						
City: _	Artesia		State:		NM		Zip code:	88211
T WI	ELL PLUGGING INFOR	OMATION.						
)	Name of well drilling co		ged well: _	Taylor Water W	ell Service			
2)	New Mexico Well Drille		14/5				ion Date: _	4/30/2025
3)	Well plugging activities Clinton E Taylor	were supervised	by the follo	wing well drille	r(s)/rig sup	ervisor(s)	:	
4)	Date well plugging bega	n:6/1:	3/2023	_ Date well pl	lugging co	ncluded: _	6/13/2	2023
5)	GPS Well Location:	Latitude: Longitude:	32	deg, 42 deg, 21		16.7 32.2	sec, WGS	84
5)	Depth of well confirmed by the following manner	at initiation of pl Used 1 1/4" So	ugging as: ch 120 Pvc	102 ft b tremie pipe. Pu	elow groun	nd level (b ent with W	gl), ildon pump	
7)	Static water level measu	red at initiation of	f plugging:		gl			
3)	Date well plugging plan	of operations was	approved	by the State Eng	gineer:			*
9)	Were all plugging activition differences between the							olease descri es as needed)
w	ment mixed browns in the hole. I ment from botton	used a sto	ick taw	k and a W	location lidon	on. Tre	mie pip to Circu	le late

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.)
	Pontland Cement Ggallons of Water/Sk	/03	155	+ remie Pipo	
-				()2003-(	71
102' -					
-					
		MULTIPLY	BY AND OBTAIN		
		cubic feet x	7.4805 = gallons 01.97 = gallons		

#### III. SIGNATURE:

Clinton E Taylor	, say that I am familiar with the ru	ales of the Office of the State
Engineer pertaining to the plugging of wells ar	nd that each and all of the statements in this P	lugging Record and attachments
are true to the best of my knowledge and belief		
	$C_{\ell}$	6/13/2023

Signature of Well Driller

6/13/2023

Date

Version: September 8, 2009 Page 2 of 2

# **Appendix C**

**Certificates of Analysis** 



**June 2024** 

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



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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keine

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



#### 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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	214 9	% 46.3-17	8						

Cardinal Laboratories \*=Accredited Analyte

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Celeg & Keene



#### 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 Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Applyzod By: 14

Project Location: VINTAGE - EDDY CO NM

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

RTFY 8021R

B1EX 8021B	тд/кд		Anaiyze	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	% 69.9-14	0						
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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	184	% 46 3-17	<i>'</i> 8						

Surrogate: 1-Chlorooctadecane 184 % 46.3-178

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Celey D. Keine



#### 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

Analyzed By: JH

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

BIEX 8021B	mg/	кg	Anaiyze	а ву: эп					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	rzed 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 5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	131	% 46.3-17	8						

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Celey D. Keene



#### 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

Applyzod By: 14

Project Location: VINTAGE - EDDY CO NM

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	ND 2.06 103 2.00 5.96  ND 2.00 99.8 2.00 5.32  ND 6.09 102 6.00 4.05  ND    Method Blank BS % Recovery True Value QC RPD  ND 416 104 400 0.00   Method Blank BS % Recovery True Value QC RPD  ND 210 105 200 2.40  ND 216 108 200 5.20					
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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119	% 46.3-17	8						

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#### 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

Analyzed By: JH

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

	9/	9	7	7: :					
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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

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#### 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

VINTAGE - EDDY CO NM

Project Name: SEC. 35 RELEASE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

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

Project Location:

BTEX 8021B

BIEX 9021B	mg/	кg	Allalyze	а ву: эп						
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	% 69.9-14	0							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					Qualifier  Qualifier	
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	% 45.3-16	1							
Surrogate: 1-Chlorooctadecane	119	% 46.3-17	8							

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Celey & Keene



#### 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: Sample Received By: NONE GIVEN Shalyn Rodriguez

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 %	6 46.3-17	8						

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Celey D. Keene



#### 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

Applyzod By: 14

Project Location: VINTAGE - EDDY CO NM

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 69.9-14	0							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	nalyzed 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	% 45.3-16	1							
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8							

Cardinal Laboratories \*=Accredited Analyte

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#### 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 Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Applyzod By: 14

Project Location: VINTAGE - EDDY CO NM

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.1	% 46.3-17	8						

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#### 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

Applyzod By: 14

Project Location: VINTAGE - EDDY CO NM

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 69.9-14	0						
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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	120	% 46.3-17	8						

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#### 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

Analyzed By: JH

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

	9,	9	7	7: :					
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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.2	% 46.3-17	8						

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#### 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

Analyzed By: JH

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

	<u> </u>								
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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.3	% 46.3-17	8						

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#### 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: Sampling Type: Soil 10/11/2022

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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500CI-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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

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#### 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

Analyzed By: JH

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

BIEX 8021B	mg/	ку	Allalyze	а ву: эп					
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	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16.	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-178	8						

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S-04



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#### 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

Analyzed By: JH

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

DILX GOZID	iiig/	, kg	Alluly20	u Dy. 311					3 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	% 69.9-14	0						
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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	433	% 46.3-17	8						

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#### 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

Applyzod By: 14

Project Location: VINTAGE - EDDY CO NM

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

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
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	% 69.9-14	0						
Chloride, SM4500CI-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	Analyze	ed 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127	% 46.3-17	78						

Cardinal Laboratories \*=Accredited Analyte

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#### 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

Applyzod By: 14

Project Location: VINTAGE - EDDY CO NM

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 69.9-14	0						
Chloride, SM4500Cl-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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.1	% 46.3-17	8						

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#### 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

Analyzed By: JH

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

BIEX 8021B	mg/	rky	Allalyze	а ву: эп					
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	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16.	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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#### 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

Analyzed By: JH

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

	9,	9	7	7: :					
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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.6	% 46.3-17	8						

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#### 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

Analyzed By: JH/

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

DILX GOZID	mg/	ng .	Allulyzo	a by. 511/					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.0	% 46.3-17	8						

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#### 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

Analyzed By: JH/

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

BIEX 8021B	mg/	кg	Anaiyze	а ву: эп/					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	233	% 46.3-17	8						

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#### 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	Analyze	d 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 %	69.9-14	0						
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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	150 9	6 46.3-17	8						

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#### 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

Analyzed By: JH/

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

BIEX 8UZIB	mg/	кg	Anaiyze	а ву: эп/					
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	% 69.9-14	0						
Chloride, SM4500Cl-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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.5	% 46.3-17	8						

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#### 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: Sample Received By: NONE GIVEN Shalyn Rodriguez

Analyzed By: 1H /

Project Location: VINTAGE - EDDY CO NM

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

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	a 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.1	% 46.3-17	8						

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#### 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

Analyzed By: JH/

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

DILX GOZID	mg/ kg		Allulyzo	Analyzea by. 311/					
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	% 69.9-14	0						
Chloride, SM4500Cl-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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.6	% 46.3-17	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Kreine



#### 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

Analyzed By: 1H /

Project Location: VINTAGE - EDDY CO NM

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### 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

Analyzed By: JH/

Project Location: VINTAGE - EDDY CO NM

mg/kg

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

BTEX 8021B

DIEX GOZID	mg/kg		Alldiyzo	Analyzea by. 311/					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.0	% 46.3-17	8						

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Celey D. Keene



#### 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

Analyzed By: JH/

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

	9/	9	7	= 7. 5,					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.1	% 46.3-17	8						

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#### 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	Analyze	d 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 9	69.9-14	0						
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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	6 46.3-17	8						

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#### 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

Analyzed By: 1H /

Project Location: VINTAGE - EDDY CO NM

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	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	Analyze	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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### 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	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.5	% 46.3-17	8						

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Celey D. Keine



### 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

Analyzed By: JH/

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B

	9/	9	7	1 1 ,					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.4	% 46.3-17	8						

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Celey D. Keine



### 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: Sample Received By: Shalyn Rodriguez NONE GIVEN

Project Location: VINTAGE - EDDY CO NM

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.1	% 46.3-17	8						

Cardinal Laboratories \*=Accredited Analyte

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### 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	Analyze	d 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 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.1	% 46.3-17	8						

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### 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	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.3	% 46.3-17	8						

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### 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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.8	% 46.3-17	8						

Cardinal Laboratories \*=Accredited Analyte

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### **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

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Celey D. Keine



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Company Name: RT	Hicks Consultants	15	BILL TO	NV	ANALYSIS REQUEST
Project Manager: Kris	00		P.O. #:		
ss: 90/	20	1, Suite F-142	Company: RT Hicks	ks	·
sity: Albuquerque	12 State: N/N	State: NM Zip: 87/04	,		
hone #: 505-26	565-266-5004 Fax#:	,	Address:		
roject #:	Project Owner: Vintage	*: Vintage	City:		
roject Name: Sec.	35 Release	C	State: Zip:		
roject Location: Eda	ly County		Phone #:	n	
Sampler Name: Kris	tin Road		Fax #:		
FOR LAB USE ONLY	/	MATRIX	PRESERV. SAMP		
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ampler - UPS - Bus - Other	er: Corrected Temp. °CJ & C	DIY.	K		O Ø



Laboratorie

101 East Marland, Hobbs, NM 8

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

Company Name: PT //	IIIG	TO ANALYSIS DECLIEST
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ranc	BIVD NW, Suite F-142 Company: RT	Hicks
city: Albuquerque	State: NM Zip: 87104 Attn: Randy	
Phone #: 505-266-5004	Fax #: Address:	
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Project Name: Sec. 35		
ddy Cour	nty Phone #:	n
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fillulars or successors arising out of or related to the performan Relinquished By:	Ifflinies 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 of dherwise Techniquished By:    Received By:	Verbal Result: ☐ Yes ☐ No Add'I Phone #:
restricted by Papa	Time: 1450 Stocking Minus	Kristin @ rthicks consult. com, vintage @
	Time:	plareautel. net
	Sample C	Turnaround Time: Standard M Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other: C	Corrected Temp. °C 2.8° Yes XYes XYes	Thermometer ID #113 Yes Yes No Corrected Temp. °C .



101 East Marland, Hobbs, NM 88240

y.keene@cardinallab\$nm.com	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	† Cardinal cannot accept	LOWING V 2.20
Time: Standard M Bacteria (only) Sample Condition  Cool Intact Observed Temp. °C  Push Yes Yes  No Corrected Temp. °C	Sample Condition CHECKED BY: Turnaround Time: Cool Intact (Iphtials) Thermometer ID #1 No No No	Observe	Delivered By: (Circle One) Sampler - UPS - Bus - Other:
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	Address:	State: N// cip: 8/107	City: Albuquera
	E-142	nder B	ss: 901 /
	P.O. #:	0	
ANALYSIS REQUEST	BILL TO	Hinte Consultants.	Company Name: PT
		(575) 393-2326 FAX (575) 393-2476	(575)



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

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R. T.	Hicks Consultants		BILL IO		ANALISIS NEWOEST	1
Project Manager: Kristin	in Pope		P.O. #:			
Address: 901 Rio Gra	Grande Blind NW.	Suite F-142	Company: RT Hicks	ks	_	_
-	State: NM	7104	Attn: Randy			
Phone #: 585-866-	\$66-5004 Fax#		Address:		_	
Project #:	Project Owner:	Vintage	City:		,	
Project Name: Sec. 3	S Rolease	C	State: Zip:			
Project Location: Edd	County		Phone #:		_	
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Relinquished By:	Date:	Received By:	9	REMARKS:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	3.4° Sample Condition Cool Intact Cool Intact Cool Intact	on CHECKED BY:	Turnaround Time: Standard Rush Thermometer ID #113	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C   Yes   Yes	





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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keine

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



### 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, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	188 9	% 46.3-17	8						

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

Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	175	% 46.3-17	8						

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Celey D. Keene



### Analytical Results For:

R T HICKS CONSULTANTS KRISTIN POPE 901 RIO GRANDE BLVD SUITE F-142 ALBUQUERQUE NM, 87104

NONE

 Received:
 10/19/2022
 Sampling Date:
 09/28/2022

 Reported:
 10/21/2022
 Sampling Type:
 Soil

Fax To:

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, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 8130 10/20/2022 416 400 0.00 16.0 ND 104

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

Chloride, SM4500Cl-B Analyzed By: AC Analyzed BS True Value QC RPD Analyte Result Reporting Limit Method Blank Qualifier % Recovery Chloride 13500 16.0 416 400 0.00 10/20/2022 ND 104

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

Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d 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 %	% 45.3-16	1						

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Celey D. Kune

Surrogate: 1-Chlorooctadecane

Celey D. Keene, Lab Director/Quality Manager

132 %

46.3-178



### 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	Analyze	d 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	Analyze	d 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	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	130	% 46.3-17	8						

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

Chloride, SM4500Cl-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						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*	347	10.0	10/20/2022	ND	221	111	200	8.99	
EXT DRO >C28-C36	123	10.0	10/20/2022	ND					
Surrogate: 1-Chlorooctane	125 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	168 9	% 46.3-17	8						

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### 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, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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*	887	50.0	10/20/2022	ND	221	111	200	8.99	
EXT DRO >C28-C36	294	50.0	10/20/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	164 9	% 46.3-17	'8						

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

Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	116 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	137	% 46.3-17	8						

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### 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)

hloride, SM4500Cl-B	mg/kg		Analyze	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	Analyze	d 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*	460	10.0	10/20/2022	ND	221	111	200	8.99	
EXT DRO >C28-C36	212	10.0	10/20/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	142 9	% 46.3-17	'8						

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

Chloride, SM4500Cl-B	mg,	'kg	Analyze	d 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	Analyze	d 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*	9970	50.0	10/20/2022	ND	221	111	200	8.99	
EXT DRO >C28-C36	2860	50.0	10/20/2022	ND					
Surrogate: 1-Chlorooctane	115 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	408	26 46.3-17	8						

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### 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, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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*	4940	50.0	10/20/2022	ND	221	111	200	8.99	
EXT DRO >C28-C36	1730	50.0	10/20/2022	ND					
Surrogate: 1-Chlorooctane	115	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	307	% 46.3-17	<i>'</i> 8						

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

Chloride, SM4500CI-B	mg	/kg	Analyze	а ву: АС					
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, SM4500Cl-B	mg/	'kg	Analyze	d 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	

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### 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	Analyze	d 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	Analyze	d 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					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	229	% 46.3-17	8						

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

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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					
Surrogate: 1-Chlorooctane	111 9	26 45.3-16	1						
Surrogate: 1-Chlorooctadecane	181 9	% 46.3-17	8						

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### 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, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier 22000 0.00 Chloride 16.0 10/20/2022 ND 416 104 400

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

Chloride, SM4500Cl-B Analyzed By: AC BS RPD Analyte Result Reporting Limit Analyzed Method Blank True Value QC Qualifier % Recovery 23200 16.0 416 0.00 Chloride 10/20/2022 ND 104 400

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

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC **RPD** Qualifier Chloride 19600 10/20/2022 ND 400 0.00 16.0 416 104 TPH 8015M mg/kg Analyzed By: MS I-04 % Recovery Qualifier Analyte Result Reporting Limit Analyzed Method Blank BS True Value QC **RPD** 200 GRO C6-C10\* <10.0 10.0 10/20/2022 ND 219 110 6.75 DRO >C10-C28\* 10/20/2022 200 8.99 116 10.0 ND 221 111 **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

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### 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	Analyze	d 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	Analyze	d 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*	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					
Surrogate: 1-Chlorooctane	102 9	<sup>2</sup> / <sub>6</sub> 45.3-16	1						
Surrogate: 1-Chlorooctadecane	130 9	% 46.3-17	8						

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

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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, SM4500Cl-B	mg,	/kg	Analyze	d 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	

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### **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

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

(010)	5350 Levy (21 2) 22-2-	2								
company Name: RT Hicks	s Consultants			BILL	BILL TO		ANAL	ANALYSIS KEQ	KEQUEST	1
roject Manager: Kristin	20		P.O.	0.#:						
ddress: 901 Rio Grande	Blud NW	Suite F-	142	Company: RT	Hicks		@c			
ity. Albuquerque	State: NM	Zip: 87/04		Attn: Randy			-/			
hone #: 505-266-5004	Fax #:			Address:			3A	_	_	_
	Project Owner.	Vintage		City:			5			_
roject Name: Sec. 35	release	C		State: Zip:	Þ:		on			_
roject Location: Eddy (	Vintu		P	Phone #:			n			
1	Poso		Fa	Fax #:		n	5/			_
FOR LAB USE ONLY	1	P	MATRIX	PRESERV.	SAMPLING	le.	801			
Lab I.D. San	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER	SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER :	DATE TI	Chlorida TPH 80	Yes - TPH			
1 SSA-16	0-2 ft	-	-	-	9/28/22/0952	2 × ×	<b>X</b>			
	6 2-4 ft	9/			( 0953	53	>			1
W		1 3			1004	X				
55A-3		61			100	1005 X				1
S 55A-4 1	60-2 A	- 3			1009	39 X				
6 55A-4 6	0 2-4 ft	13			10	10/0				
7 SSA-5 @	0-2 ft	61			10	10/5				
5	2-4 44	1 3	-		10	0/6				
10 554-7	17 th CO	0.5			1 10	22 XX				
LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the nailyses. 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 evice. 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.	ability and client's exclusive remedy for a nd any other cause whatsoever shall be mtal or consequental damages, includin	ny claim arising whethe deemed warved unless g without limitation, busi	er based in contract or to made in writing and rec iness interruptions, loss	ort, shall be limited to the selved by Cardinal within of use, or loss of profits	e amount paid by the n 30 days after comples incurred by client, its	client for the elion of the applicable subsidiaries,				
Relinquished By:	Time: 445	Received By	RO	Alm		Verbal Result: □ Yes □ No   Add'l Phone #: All Results are emailed. Please provide Email address:  \[ \fristin (a) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	d. Please provide Em	Add'l Phone #: de Email address: Sült, COM		
,	Time:									
Delivered By: (Circle One)	Observed Temp. °C 4, 5		Sample Condition Cool Intact I Yes I Yes	CHECKED BY:	::	Turnaround Time: S  Thermometer ID #113 C	Standard K	Bacteria (only) Cool Intact  Yes Yes	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
	Corrected lemp. To		Y Tes Lies	(		Illouinette in accord		I		

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Corrected Temp. °C 4.3

Sample Condition
Cool Intact
Diffes Diffes
No Diffes

CHECKED BY:

Turnaround Time:

Standard

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

Yes Yes
No Corrected Temp. °C

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name:	e: RT Hicks Consultants	\$	BILL TO		ANALYSIS REQUEST	ST
Project Manager:	Kristin Pan		P.O. #:			
Address: 901	Rio Grande Blvd NW	Sinte F-142	Company: RT HIC	icks		
city: Albuq	uerque State: NM	Zip: 87/0				
Phone #: 5 d	15-266-5004 Fax#		Address:			
Project #:	Project Owner:	ner: Vintage	City:			
Project Name:	Sec. 35 release	(	State: Zip:			
Project Location:	Eddy Co		#			
Sampler Name:	Kristin Pebo		Fax #:	n		
FOR LABUSE ONLY	/	MATRIX	SERV.	SAMPLING		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chloride TPH 8015		
12	SSA-800-2 ft	)		1.4		
N)	'			1010		
14	0	6 /		105#X		
15	55A-11 60-2 ft	611		1/00		
16		6 /		IIOI XX		
17	55A-13 @ 0-2 ft	61		1112 X		
19	SSA-13 @ 2-4 ft	61		1113		
20	SSA-15 @ 2-4 ft	6 /		135 X		
P-LEASE NOTE: Liability and analyses. All claims including analyses. All claims including service. In no event shall Causerisins artisines or successors arising	PLEASE NOTE: Liability and Damages, Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waked 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 connequental damages, including without limitation, business interruptions, loss of use, or loss of profits horared by client, its subdicates, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardings of whether such claim is based upon any of the above stated reasons or otherwise.	x any claim arising whether based in contract be deemed waived unless made in writing and fing without limitation, business interruptions, I y Cardinal, regardless of whether such claim	or tort, shall be limited to the amount pail of received by Cardinal within 30 days afte loss of use, or loss of profits incurred by c is based upon any of the above stated or to	d by the client for the r completion of the applicable dient, its subsidiaries, asons or chemics		
Relinquished By	547, Date: 000	Received By:	and ex	Verbal Result: [	Werbal Result: ☐ Yes ☐ No Add'l Phone #:  All Results are emailed. Please provide Email address:	
Relinquished By	Date:	Received By:		REMARKS:	Transacti Com	
	Time:					

Thermometer ID #113 C Correction Factor -0.5°C



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

Company Name: RT Hicks Consultants		BILL TO	AI	ANALYSIS REQUEST
Project Manager: Kristin Page		P.O. #:		- 1
Address: 901 Rio Grande Blud NW	Suite F-142	Company RT Hicks	ks	
city: Albuquerage state: NM	Zip: 87	NP		_
Phone #: 505-266-5004 Fax #:		Address:		_
Project #: Project Owner:	er Vintage	City:		
Project Name: Sec. 35 release	(	State: Zip:		
14 C		#:		
tin		Fax #:	2	
FOR LAB USE ONLY	IP. MATRIX	SERV.	,	
Lab I.D. Sample I.D.	CONTAINERS ROUNDWATER VASTEWATER OIL LUDGE	THER: CID/BASE: E / COOL THER:	Chlorid TPH 800	
21 SSA-16 @ 0-2 ft	_	X Q	1/28 X	
5	X	X 4.28.72	1129	
EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tod, shall be limited to the amount oald by the client for the	ny claim arising whether based in contract o	viort, shall be limited to the amount oak	by the client for the	
supes. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in witing and received by Cardinal within 30 days after completion of the applicable river. In no event shall Cardinal be liable for incidental or consequental damages, including without imitation, business interruptions, loss of use, or loss of profits incurred by cleint, its sub-distance, fitted as a string out of a related to the performance of services hereunder by Cardinal, regardless or whether such claims is based unon any of the hapter edited in reasons or chiefunds.	ausse whatcomer shall be deemed walved unless made in writing and received by Cardinal within 30 days after quantal damages, including without limitation, business interruptions, loss of use, or loss of profits, interruption of of services hereunder by Cardinal, regardines of whether such claim is based upon any of the above stated rea-	received by Cardinal within 30 days after ss of use, or loss of profits incurred by di s based upon any of the above dated rea	completion of the applicable ent, its subsidiaries, cons or etherwise	
relinquished By:  Time: 445	Received By:	END IND	Result: Yes No ults are emailed. Please prov	Add'l Phone #: ide Email address:
elinquished By/ Time:	Received By:	0		
	4.7 Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard K	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
ronmerops h 3.2 logged	$\vdash$	78	Correction Factor -0.5°C	☐ Yes☐ Yes☐ No Corrected Temp. °C

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,

Andy Freeman

Laboratory Manager

Only

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2212C76

Date Reported: 1/5/2023

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** R.T. Hicks Consultants, LTD

**Project:** Vintage Drilling Section 35 Release Site

Lab ID: 2212C76-001 Matrix: SOIL

Client Sample ID: L-5 4.3 feet

**Collection Date:** 12/20/2022 10:43:00 AM **Received Date:** 12/21/2022 3:10:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
Chloride	16000	600	mg/Kg	200 12/30/2022 8:22:24 F	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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

Page 1 of 23

Lab Order **2212C76** 

Date Reported: 1/5/2023

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** R.T. Hicks Consultants, LTD

**Project:** Vintage Drilling Section 35 Release Site

**Lab ID:** 2212C76-002

Client Sample ID: L-5 6.0 feet

**Collection Date:** 12/20/2022 10:47:00 AM **Received Date:** 12/21/2022 3:10:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
Chloride	12000	590	mg/Kg	200 12/30/2022 8:34:49 F	PM 72319

Matrix: SOIL

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

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 Quanitative 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

Page 2 of 23

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 SiteCollection Date: 12/20/2022 10:52:00 AMLab ID:2212C76-003Matrix: SOILReceived Date: 12/21/2022 3:10:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
Chloride	13000	590	mg/Kg	200 12/30/2022 8:47:13 F	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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 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

Page 3 of 23

Lab Order 2212C76

### Hall Environmental Analysis Laboratory, Inc. Date Reported: 1/5/2023

**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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	yst: <b>NAI</b>
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

Page 4 of 23

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 2212C76-005 Matrix: SOIL Received Date: 12/21/2022 3:10:00 PM Lab ID:

Analyses	Result	RL Q	ual 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

Page 5 of 23

**CLIENT:** R.T. Hicks Consultants, LTD

### **Analytical Report**

Lab Order 2212C76

Date Reported: 1/5/2023

### Hall Environmental Analysis Laboratory, Inc.

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 Oual 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.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

Page 6 of 23

**CLIENT:** R.T. Hicks Consultants, LTD

### **Analytical Report**

Lab Order 2212C76

Date Reported: 1/5/2023

### Hall Environmental Analysis Laboratory, Inc.

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 Oual 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.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

Page 7 of 23

Lab Order 2212C76

Date Reported: 1/5/2023

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** R.T. Hicks Consultants, LTD

**Project:** Vintage Drilling Section 35 Release Site

2212C76-008 Lab ID:

Client Sample ID: L-10 9.0 feet

Collection Date: 12/20/2022 11:35:00 AM **Received Date:** 12/21/2022 3:10:00 PM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	/st: NAI
Chloride	1200	60	mg/Kg	20	12/27/2022 2:30:32 F	PM 72319

Matrix: SOIL

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

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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

Page 8 of 23

Lab Order 2212C76

Date Reported: 1/5/2023

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** R.T. Hicks Consultants, LTD

**Project:** Vintage Drilling Section 35 Release Site

Lab ID: 2212C76-009 Client Sample ID: L-10 12.0 feet

**Collection Date:** 12/20/2022 11:42:00 AM Received Date: 12/21/2022 3:10:00 PM

**Analyses** Result **RL Oual 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

Matrix: SOIL

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

Qualifiers:

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

Page 9 of 23

**CLIENT:** R.T. Hicks Consultants, LTD

### **Analytical Report**

Lab Order 2212C76

Date Reported: 1/5/2023

## Hall Environmental Analysis Laboratory, Inc.

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 Oual 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.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

Page 10 of 23

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 2212C76-011 Lab ID: 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: <b>JMT</b>
Chloride	17000	590	mg/Kg	200	0 12/30/2022 6:55:31 PM 72363
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				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: <b>NSB</b>
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

Page 11 of 23

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 2212C76-012 Lab ID: Matrix: SOIL Received Date: 12/21/2022 3:10:00 PM

Analyses	Result	RL	<b>Qual Units</b>	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	13000	600	mg/Kg	200	0 12/30/2022 7:07:56 PM 72363
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGH</b>
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

Page 12 of 23

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 2212C76-013 Lab ID: Matrix: SOIL Received Date: 12/21/2022 3:10:00 PM

Analyses	Result	RL	<b>Qual Units</b>	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	12000	600	mg/Kg	200	0 12/30/2022 7:20:21 PM 72363
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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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 SiteCollection Date: 12/20/2022 12:15:00 PMLab ID:2212C76-014Matrix: SOILReceived Date: 12/21/2022 3:10:00 PM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>
Chloride	12000	600	mg/Kg	200	0 12/30/2022 7:32:45 PM 72363
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				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: <b>NSB</b>
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 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

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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 SiteCollection Date: 12/20/2022 12:20:00 PMLab ID:2212C76-015Matrix: SOILReceived 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	0 12/30/2022 7:45:10 PM	72363
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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

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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 2212C76-016 Matrix: SOIL **Received Date:** 12/21/2022 3:10:00 PM Lab ID:

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	yst: <b>NAI</b>
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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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 2212C76-018 Lab ID: Matrix: SOIL Received Date: 12/21/2022 3:10:00 PM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: NAI
Chloride	330	60	mg/Kg	20	12/27/2022 4:46:57 F	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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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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 Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	/st: NAI
Chloride	600	61	mg/Kg	20	12/27/2022 4:59:22 F	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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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### **QC SUMMARY REPORT**

### Hall Environmental Analysis Laboratory, Inc.

2212C76 05-Jan-23

WO#:

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 Quanitative 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

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### **OC 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 SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result PQL HighLimit 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 PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 15 115 64.4 57 50.00 127 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 Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 52 15 0 106 36.1 48.59 154 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 %RPD Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Qual Analyte Diesel Range Organics (DRO) ND 14 48.12 0 0 36.1 154 200 33.9 RS Surr: DNOP 4.812 4.4 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 Quanitative 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

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### **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 Ics 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: mq/Kq

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 Quanitative 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

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### **OC 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

SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result %REC LowLimit HighLimit Qual

87.5 Surr: 4-Bromofluorobenzene 0.88 1.000 70 130

Sample ID: 100ng btex Ics 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

SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit Qual

Surr: 4-Bromofluorobenzene 0.87 1.000 87.3 130

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 PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result ND 0.025 Benzene ND 0.050

Toluene Ethylbenzene ND 0.050 Xylenes, Total ND 0.10

Sample ID: Ics-72270

Surr: 4-Bromofluorobenzene 0.82 1.000 82.3 70 130

Client ID: LCSS Batch ID: 72270 RunNo: 93539

SampType: LCS

12/22/2022 SeqNo: 3374659

Prep Date: Analysis Date: 12/24/2022 Units: mg/Kg LowLimit Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Analyte Benzene 0.87 0.025 1.000 0 87.3 80 120 0.050 1.000 0 88.6 80 120 Toluene 0.89 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

TestCode: EPA Method 8021B: Volatiles

### Qualifiers:

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

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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

Released to Imaging: 7/22/2024 1:27:26 PM

			website. ww	w.nauenvironmen	ui.com		
Client Name:	R.T. Hicks Consultan	its, Work	Order Num	ber: 2212C76		RcptNo	: 1
Received By:	Joseph Alderette	12/21/2	022 3:10:00	) PM	JH		
Completed By:	Isaiah Ortiz	12/21/2	022 3:17:02	2 PM	INC	1	
Reviewed By:	\$ 12.21.22						
Chain of Cus	stody						
1. Is Chain of C	sustody complete?			Yes 🗹	No 🗌	Not Present	
2. How was the	sample delivered?			Client			
Log In							
3. Was an atter	npt made to cool the sa	mples?		Yes 🗹	No 🗌	NA 🗆	
4. Were all sam	ples received at a temp	erature of >0° C	to 6.0°C	Yes 🗹	No 🗌	na 🗆	
5. Sample(s) in	proper container(s)?			Yes 🗹	No 🗆		
6. Sufficient san	nple volume for indicate	d test(s)?		Yes 🗹	No 🗌		
7. Are samples	(except VOA and ONG)	properly preserve	ed?	Yes 🗹	No 🗌		
8. Was preserva	ative added to bottles?			Yes 🗌	No 🗹	na 🗆	
9. Received at le	east 1 vial with headspa	ce <1/4" for AQ \	/OA?	Yes 🗌	No 🗆	NA 🗹	
10. Were any sa	mple containers receive	d broken?		Yes 🗆	No 🗹	# of preserved	
	ork match bottle labels? ancies on chain of custo			Yes 🗹	No 🗆	bottles checked for pH: (<2 o	r >12 unless noted
	correctly identified on C			Yes 🗹	No 🗌	Adjusted?	
	nt analyses were reques			Yes 🗹	No 🗌		
	ing times able to be me			Yes 🗹	No 🗆	Checked by:	Ju12/21/2
	ling (if applicable)						
	otified of all discrepance		?	Yes 🗌	No 🗌	NA 🗹	
Person	Notified:		Date	: [			
By Wh	om:		Via:	eMail	Phone 🔲 Fax	☐ In Person	
Regard	ling:						
Client I	nstructions:			***************************************			
16. Additional re	emarks:						
17. Cooler Info	rmation						
Cooler No			Seal No	Seal Date	Signed By	Application of the state of the	
1	6.0 Good	Not Present		1		ž.	

ceived by OCD: 7/22/	Received by OCD: 7/22/2014 File 3/4 Record	Turn-Around Time:	ime:				Ī	Page 124 of 234 HALL ENVIRONMENTAL	Ш	5	30	Σ	Pag FR	re 124	of 234
Client: RT Hicks Consultants	nsultants	□ Standard	□ Rush	•		П	A	ANALYSIS LABORATORY	YS	S	AB	OR	TA	OR	>
		Project Name	Vintage Drilling				8	www.hallenvironmental.com	enviro	nmer	ıtal.co	Ε			
Mailing Address 901 F	901 Rio Grande NW Ste. F-142	Section 35 Release Site	ease Site		4	301 H	4901 Hawkins NE	NE -	Albuc	herd	Albuquerque, NM 87109	/ 871	60		
		Project #:				el. 50	Tel. 505-345-3975	3975	Тa	× 505	Fax 505-345-4107	4107			
Phone #: 505 2	505 266 5004							۷	Analysis Request	s Rec	quest				
email or Fax#: davio	david@rthicksconsult.com	Project Manager:	er:				-		<sup>7</sup> OS		(ţue				
QA/QC Package:					S08) a	CB,2		SMIS	oot'		esdA\t				
Standard	Level 4 (Full Valluation)	- 1						0.1	ا2،		uə				
on:	☐ Az Compliance	i.i.						70.1	ON	-(/					
□ NELAC □ Other	rther	On Ice:	☐ Yes ☐	ON D					' <sup>E</sup> (	<b>∀</b> O.					
☐ EDD (Type)		# of Coolers:	,												_
		Cooler Temp(in	including CF): 6.0 -	2009:0					_						
			Preservative	HEAL No.			N) 8C	CRA		7) 092 S) 07 <u>9</u>					
Date Time Matrix	rix Sample Name	Type and #	l ype	212110	$\rightarrow$	$\dashv$	_	_	-	_	-	$\dashv$	-		+
12/20 10:43 soil	L-5 4.3 feet	2 4oz glass		100					×						-
12/20 10:47 soil	L-5 6.0 feet	2 4oz glass		200					×			_	_		
12/20 10:52 soil	L-5 9.0 feet	2 4oz glass		500					×						$\dashv$
12/20 11:00 soil	L-5 12.0 feet	2 4oz glass		004					×				$\dashv$		
12/20 11:05 soil	L-5 13.0 feet	2 4oz glass		005					×	_			_		-
12/20 11:20 soil	L-10 4.3 feet	2 4oz glass		900					×				_		$\dashv$
12/20 11:30 soil	L-10 6.0 feet	2 4oz glass		100					×						
12/20 11:35 soil	L-10 9.0 feet	2 4oz glass		900					×			_			$\dashv$
12/20 11:42 soil	L-10 12.0 feet	2 4oz glass		000					×				4		$\dashv$
11:46	L-10 14.0 feet	2 4oz glass		010					×	$\dashv$			-		$\dashv$
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	Relinquished by:	Received by:	Via:	Date Time											

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.

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Page 125 of 2	HALL ENVIRONMENTAL	NO INC.	Albuquerque, NM 87109	20.70	õ																		
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Turn-Around Time:	- □ Standard	Project Name		Project #:		Project Man		D. Hamilton	Sampler:	On Ice:	# of Coolers	Cooler Tem	Container Type and #	2 4oz glass	2 4oz glass	2 4oz glass	2 4oz glass	2 4oz glass	2 4oz glass	2 4oz glass	2 4oz glass	2 4oz glass	
Received by OCD: 723-224 7:48:34 A Record	Itants		Mailing Address 901 Rio Grande NW Ste. F-142		5004	david@rthicksconsult.com		☐ Level 4 (Full Validation)	□ Az Compliance				Sample Name	L11 4.3 feet	L-11 6.0 feet	L-11 9.0 feet	L-11 12.0 feet	L-11 14.0 feet	L-16 4.3 feet	L-16 6.0 feet	L-16 9.0 feet	L-16 11.5 feet	
202/20	Client: RT Hicks Consultants		901 Rio		505 266 5004	david@r			□ Az Cc	□ Other			Matrix	soil	soil	soil	soil	soil	soil	soil	soil	soil	
by OCD.	RT Hick		Address		#	email or Fax#:	QA/QC Package:	ndard	itation:	AC	EDD (Type)		Time	12:00 soil	12:06 soil	12:10 soil	12:15 soil	12:20 soil	12:29 soil	12:32 soil	12:35 soil	12:43 soil	
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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.

Remarks:

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Received by:

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Date:

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Time:

Date:

Time

Date

Received by:

LABORATORY RESULTS

5/31/2023



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

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

#### 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,

Andy Freeman

Laboratory Manager

Only

4901 Hawkins NE

Albuquerque, NM 87109

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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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

Page 1 of 13

Date Reported: 6/19/2023

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** R.T. Hicks Consultants, LTD

**Project:** Vintage Section 35 Release

2306128-002 Lab ID:

Client Sample ID: L-5 15'

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

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

Analyses	Result	RL Qu	al Units	DF	Date Analyze	d	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 10:44:3	30 AM	75445

Matrix: SOIL

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

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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits Sample pH Not In Range

RL Reporting Limit

Page 2 of 13

Date Reported: 6/19/2023

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** R.T. Hicks Consultants, LTD

**Project:** Vintage Section 35 Release

**Lab ID:** 2306128-003

Client Sample ID: L-5 18'

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

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

Analyses	Result	RL Qu	al Units	DF	Date Analyze	d	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

Matrix: SOIL

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

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 Quanitative 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

Page 3 of 13

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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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

Page 4 of 13

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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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

Page 5 of 13

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 Oual 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.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 6 of 13

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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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

Page 7 of 13

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 Q	ual Units	DF	Date Analyzeo	ì	Batch
PERCENT MOISTURE					A	Analyst:	KMN
Percent Moisture	10	1.0	wt%	1	6/8/2023		R97306
EPA METHOD 300.0: ANIONS					A	Analyst:	JMT
Chloride	10000	600	mg/Kg	200	6/8/2023 12:11:2	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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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

Page 8 of 13

**CLIENT:** R.T. Hicks Consultants, LTD

## **Analytical Report**

Lab Order 2306128 Date Reported: 6/19/2023

### Hall Environmental Analysis Laboratory, Inc.

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 Oual Units DF** Date Analyzed **Batch** PERCENT MOISTURE Analyst: KMN Percent Moisture 15 1.0 wt% 6/8/2023 R97306 **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 12000 600 mg/Kg 200 6/8/2023 12:23:46 PM

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

Qualifiers:

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

Page 9 of 13

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 Qı	ıal Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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

Page 10 of 13

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 Oual 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.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 11 of 13

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 2306128-012 Lab ID: Matrix: SOIL Received Date: 6/2/2023 3:35:00 PM

Analyses	Result	RL Qı	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	st: <b>JTT</b>
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 12 of 13

### **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 %RPD **RPDLimit** Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit Qual

Chloride 14 1.5 15.00 0 94.7 90 110

Sample ID: MB-75461 TestCode: EPA Method 300.0: Anions SampType: mblk Client ID: **PBS** Batch ID: 75461 RunNo: 97318 Prep Date: Analysis Date: 6/8/2023 SeqNo: 3535350 Units: mg/Kg 6/8/2023 Analyte Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual LowLimit

Chloride ND 1.5

Sample ID: LCS-75461 SampType: Ics 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
- 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

Page 13 of 13

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

Released to Imaging: 7/22/2024 1:27:26 PM

	LTD				RcptNo	
Received By:	Nancy Proctor	6/2/2023 3:35:00 PM				
Completed By:	Cheyenne Cason	6/5/2023 7:51:32 AM		Chul		
Reviewed By:	W 6.5.23	5				
Chain of Cust			_			
1. Is Chain of Cu	ustody complete?		Yes 🗹	No 📙	Not Present $\square$	
2. How was the s	sample delivered?		Client			
<u>Log In</u> 3. Was an attem	pt made to cool the samples	?	Yes 🗹	No 🗌	NA □	
4. Were all samp	oles received at a temperatu	e of >0° C to 6.0°C	Yes 🗌	No 🗹	na 🗆	
5. Sample(s) in r	proper container(s)?		Approved Yes 🗸	by client.		
			100 23			
6. Sufficient same	ple volume for indicated test	(s)?	Yes 🗹	No 🗌		
7. Are samples (e	except VOA and ONG) property	erly preserved?	Yes 🗹	No 🗆		
8. Was preservat	tive added to bottles?		Yes 🗌	No 🗹	NA 🗌	
9. Received at lea	ast 1 vial with headspace <1	/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹	
10. Were any sam	nple containers received bro	ken?	Yes 🗌	No 🗹	4 - 6	
11 Does papenyo	rk match bottle labels?		Yes 🗹	No 🗌	# of preserved bottles checked for pH:	
	incles on chain of custody)		162	140		r >12 unless peted)
12. Are matrices o	orrectly identified on Chain of	of Custody?	Yes 🗹	No 🗌	Adjusted?	
	analyses were requested?		Yes 🗸	No 🗌		· /lela
	ng times able to be met? ustomer for authorization.)		Yes 🗹	No 📙	Checked by:	Jn 61012
Special Handli	ing (if applicable)					
15. Was client not	tified of all discrepancies wit	n this order?	Yes 🗌	No 🗌	NA 🗹	
Person I	Notified:	Date:	•			
By Who	m:	Via:	_ eMail _	] Phone [] Fax	☐ In Person	
Regardi	ng:				and the second second second second	
Client In	structions:				***************************************	
16. Additional ren	marks:					
17. Cooler Inform	mation_					
Cooler No		Seal Intact   Seal No   S	Seal Date	Signed By		
1	9.7 Good N	ot Present Morty			- Contraction of the Contraction	

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Received by QCD	7/22/2024 7	Received by OCD: 7/22/2024 7:48:30 AV Record	Turn-Around Time:	Time:			-						Page 1	Page 142 of 234
Client: RT	RT Hicks Consultants	ultants	- - - -					I	HALL		Z	SON	ENVIRONMENTAL	AL
			☐ Standard	Rush □				⋖	MA	Z	S	AB	ANALYSIS LABORATOR	<b>JRY</b>
								>	ww.ha	lenvir	onmen	www.hallenvironmental.com		
Mailing Address:		901 Rio Grande NW Ste. F-142	Vintage Secti	on 35 Releas	ŭ		4901	4901 Hawkins NE	s NE	Albu	quera	Albuquerque, NM 87109	87109	
Albuquerque, NM	NM 87104		Project #:				Tel. 5	Tel. 505-345-3975	-3975	Щ	. 50£	Fax 505-345-4107	107	
Phone #:	505 266 5004	6 5004							A	nalys	<b>Analysis Request</b>	uest		
email or Fax#:	<u>david@</u>	david@rthicksconsult.com	Project Mana	ager:		(1	((		L	<sup>†</sup> Ο	L	(10		E
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□ Standard		☐ Level 4 (Full Validation)				s,s			IISU	Od		ΙΑ∖Ιτ		
Accreditation:	□ Az C	□ Az Compliance	Sampler:	DH		I I			170	' <sup>z</sup> ON		1959.	e in Le	
□ NELAC	□ Other	ər		□ Yes	□ No	13				l "	AC	1 <b>9</b> )	̰	
☐ EDD (Type)			# of Coolers:		ments	38.				103		w	र्)८	
			Cooler Temp(including CF).	ncluding CF): $q_{_{\scriptscriptstyle B}}$ $g_{_{\scriptscriptstyle B}}$	-0.1=9.7	TM						olilo	)UI	
Date Tir	Time Matrix	Sample Name	Container Type and #	Preservativ e Type	HEAL NO.	\ X∃TE	08:H91 	M) BOE	SAHs b	-	V) 0928 S) 0728	Total Co	1,105	
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_	11:50	L-5 25'			200		-			<b>₹</b> \$	-			
	12:45	L-5 30'			200					<b>₹</b> >		-		
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Date: Time:	Reling	hed by:	Received by:	Via:	Date Time	_	-11 15	, and	L-11 <sub>20</sub>	We	(RT	licks) w	L-11 15', and L-11 20'. We (RT Hicks) will retrieve these	hese
						1	<		S	ample	samples. Thanks	nks	000	); ();

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.

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,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

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 SiteCollection Date: 12/20/2023 10:15:00 AMLab ID:2312D08-001Matrix: SOILReceived 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 ORG	ANICS					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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 10:15:00 AMLab ID:2312D08-002Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	<b>Date Analyzed</b>	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 ORG	ANICS					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.

- 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 10:18:00 AMLab ID:2312D08-003Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: KCB
Chloride	4700	150		mg/Kg	50	1/4/2024 10:47:31 AM	79720
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analys	t: <b>DGH</b>
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						Analys	t: <b>RAA</b>
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						Analys	t: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 10:25:00 AMLab ID:2312D08-004Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: KCB
Chloride	2700	150	mg/Kg	50	1/4/2024 10:59:56 AM	l 79720

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

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 10:25:00 AMLab ID:2312D08-005Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 10:35:00 AMLab ID:2312D08-006Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qı	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 10:45:00 AMLab ID:2312D08-007Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qı	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 10:45:00 AMLab ID:2312D08-008Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 10:55:00 AMLab ID:2312D08-009Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qual	Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	t: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 11:10:00 AMLab ID:2312D08-010Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 11:10:00 AMLab ID:2312D08-011Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: KCB
Chloride	9800	600	mg/Kg	200 1/4/2024 11:37:10 AM	1 79720

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

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 11:15:00 AMLab ID:2312D08-012Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 11:25:00 AMLab ID:2312D08-013Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 11:25:00 AMLab ID:2312D08-014Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 11:30:00 AMLab ID:2312D08-015Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 11:35:00 AMLab ID:2312D08-016Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 11:35:00 AMLab ID:2312D08-017Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 11:40:00 AMLab ID:2312D08-018Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	st: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 11:50:00 AMLab ID:2312D08-019Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 11:50:00 AMLab ID:2312D08-020Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: 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.

- \* 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 Quanitative 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

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 Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: 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.

- \* 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 Quanitative 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

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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- \* 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 Quanitative 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

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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 12:15:00 PMLab ID:2312D08-024Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 2312D08-025 Lab ID: 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 ORG	SANICS					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
<b>EPA METHOD 8021B: VOLATILES</b>						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.

- 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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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 SiteCollection Date: 12/20/2023 12:20:00 PMLab ID:2312D08-026Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	<b>Date Analyzed</b>	Batch
EPA METHOD 300.0: ANIONS						Analys	: KCB
Chloride	1500	60		mg/Kg	20	1/3/2024 11:56:46 PM	79729
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analys	: 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						Analys	: 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						Analys	:: 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.

- 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 12:25:00 PMLab ID:2312D08-027Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: KCB
Chloride	4700	150		mg/Kg	50	1/4/2024 2:43:18 PM	79729
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analys	t: 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						Analys	t: 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
<b>EPA METHOD 8021B: VOLATILES</b>						Analys	t: 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.

- \* 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 Quanitative 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

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 Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: KCB
Chloride	550	60	mg/Kg	20	1/4/2024 12:46:23 AM	1 79729

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

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 12:35:00 PMLab ID:2312D08-029Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qı	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: 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.

- \* 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 Quanitative 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

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 Qı	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- \* 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 Quanitative 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

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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 1:05:00 PMLab ID:2312D08-034Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 1:05:00 PMLab ID:2312D08-035Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 2312D08-036 Lab ID: Matrix: SOIL Received Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- 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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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 SiteCollection Date: 12/20/2023 1:15:00 PMLab ID:2312D08-037Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 1:15:00 PMLab ID:2312D08-038Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 2312D08-039 Lab ID: Matrix: SOIL Received Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
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.

- 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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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 SiteCollection Date: 12/20/2023 2:10:00 PMLab ID:2312D08-040Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: KCB
Chloride	5100	300	mg/Kg	100	1/4/2024 6:26:39 PM	79738
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: 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					Analys	: 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					Analys	: 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.

- 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 2:10:00 PMLab ID:2312D08-041Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL	Qual Units	DF	<b>Date Analyzed</b>	Batch
EPA METHOD 300.0: ANIONS					Analys	t: KCB
Chloride	5200	300	mg/Kg	100	1/4/2024 6:39:03 PM	79738
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: <b>DGH</b>
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					Analys	t: <b>RAA</b>
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					Analys	t: 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.

- 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 2:15:00 PMLab ID:2312D08-042Matrix: SOILReceived 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 ORG	ANICS				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	1 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	<i>1</i> 79614
Ethylbenzene	ND	0.048	mg/Kg	1	12/29/2023 10:04:00 PM	<i>1</i> 79614
Xylenes, Total	ND	0.097	mg/Kg	1	12/29/2023 10:04:00 PM	<i>1</i> 79614
Surr: 4-Bromofluorobenzene	96.5	39.1-146	%Rec	1	12/29/2023 10:04:00 PM	1 79614

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

- 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 2:20:00 PMLab ID:2312D08-043Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qu	ıal Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 2:20:00 PMLab ID:2312D08-044Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 2:30:00 PMLab ID:2312D08-046Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 2:30:00 PMLab ID:2312D08-047Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- \* 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 Quanitative 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

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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 2:45:00 PMLab ID:2312D08-049Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 2:45:00 PMLab ID:2312D08-050Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
Chloride	13000	610	mg/Kg	200 1/5/2024 11:13:45 AM	1 79738

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

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 2:50:00 PMLab ID:2312D08-051Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 3:25:00 PMLab ID:2312D08-052Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Qu	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	st: 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.

- \* 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 Quanitative 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

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 2312D08-053 Lab ID: Matrix: SOIL Received Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- 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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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 SiteCollection Date: 12/20/2023 3:30:00 PMLab ID:2312D08-054Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- \* 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 Quanitative 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

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 2312D08-055 Lab ID: Matrix: SOIL Received Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- 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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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 2312D08-056 Lab ID: Matrix: SOIL Received Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- 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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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 SiteCollection Date: 12/20/2023 3:45:00 PMLab ID:2312D08-057Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 3:50:00 PMLab ID:2312D08-058Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 3:50:00 PMLab ID:2312D08-059Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
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.

- \* 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 Quanitative 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

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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: 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.

- 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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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 SiteCollection Date: 12/20/2023 4:00:00 PMLab ID:2312D08-061Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
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.

- \* 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 Quanitative 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

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 SiteCollection Date: 12/20/2023 4:00:00 PMLab ID:2312D08-062Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: KCB
Chloride	10000	300	mg/Kg	100 1/9/2024 12:25:20 AM	1 79786

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

- \* 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

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 SiteCollection Date: 12/20/2023 4:05:00 PMLab ID:2312D08-063Matrix: SOILReceived Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>KCB</b>
Chloride	10000	300	mg/Kg	100 1/9/2024 12:37:44 AM	1 79786

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

- \* 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 Quanitative 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

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

2312D08-064 Lab ID: Matrix: SOIL Received Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
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.

- 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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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

2312D08-065 Lab ID: Matrix: SOIL Received Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
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.

- 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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Date Reported: 1/11/2024

### Hall Environmental Analysis Laboratory, Inc.

CLIENT:R.T. Hicks Consultants, LTDClient Sample ID: L13-2 4-5Project:Vintage Drilling Section 35 Release SiteCollection Date: 12/20/2023

**Lab ID:** 2312D08-066 **Matrix:** SOIL **Received Date:** 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
Chloride	11000	300	mg/Kg	100 1/9/2024 12:57:34 PM	1 79773

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

- \* 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 Quanitative 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

Date Reported: 1/11/2024

### Hall Environmental Analysis Laboratory, Inc.

CLIENT:R.T. Hicks Consultants, LTDClient Sample ID: L13-3 0-2Project:Vintage Drilling Section 35 Release SiteCollection Date: 12/20/2023

**Lab ID:** 2312D08-067 **Matrix:** SOIL **Received Date:** 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
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.

- \* 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 Quanitative 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

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

2312D08-068 Lab ID: Matrix: SOIL Received Date: 12/21/2023 3:40:00 PM

Analyses	Result	RL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
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.

- 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 Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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 Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: <b>JMT</b>
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.

- \* 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 Quanitative 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** 

**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 SegNo: 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

- 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 Quanitative Limit
- 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

#### **OC 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: Analysis Date: 1/4/2024 SeqNo: 3775239 1/4/2024 Units: mg/Kg

SPK value SPK Ref Val %RPD **RPDLimit** Analyte PQL %REC LowLimit HighLimit Qual

Chloride ND 1.5

Sample ID: LCS-79739 SampType: Ics TestCode: EPA Method 300.0: Anions

RunNo: 102237 Client ID: LCSS Batch ID: 79739

Prep Date: 1/4/2024 Analysis Date: 1/4/2024 SeqNo: 3775240 Units: mg/Kg

**RPDLimit** Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual

Chloride 14 1.5 15.00 93.8 110

Sample ID: MB-79773 TestCode: EPA Method 300.0: Anions SampType: mblk

Client ID: PBS Batch ID: 79773 RunNo: 102317

Prep Date: Analysis Date: 1/8/2024 1/8/2024 SeqNo: 3778296 Units: mg/Kg

Result POI SPK value SPK Ref Val %REC %RPD **RPDLimit** Qual Analyte I owl imit HighLimit

Chloride ND

Sample ID: LCS-79773 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 79773 RunNo: 102317

Prep Date: Analysis Date: 1/8/2024 SeqNo: 3778297 1/8/2024 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual LowLimit

Chloride 14 1.5 15.00 93.0 90

Sample ID: MB-79786 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: Batch ID: 79786 RunNo: 102317 PRS

Prep Date: 1/8/2024 Analysis Date: 1/8/2024 SeqNo: 3778327 Units: mg/Kg

SPK value SPK Ref Val **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit %RPD 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

SPK value **RPDLimit** Analyte Result PQL SPK Ref Val %REC LowLimit HighLimit %RPD Qual

14 Chloride 1.5 15.00

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

# Hall Environmental Analysis Laboratory, Inc.

WO#: **2312D08** *11-Jan-24* 

Client: R.T. Hicks Consultants, LTD

**Project:** Vintage Drilling Section 35 Release Site

	Jiming bee	ction 3.	7 Release 5							
Sample ID: LCS-79674	SampT	ype: <b>LC</b>	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: <b>79</b> 6	674	F	RunNo: 10	02212				
Prep Date: 1/2/2024	Analysis D	ate: 1/	3/2024		SeqNo: 37	773288	Units: mg/K	g		
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	SampT	ype: <b>LC</b>	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: <b>79</b> 6	677	F	RunNo: 10	02212				
Prep Date: 1/2/2024	Analysis Da	ate: 1/	3/2024	Ş	SeqNo: 37	773289	Units: mg/K	g		
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: <b>MB-79674</b>	SampT	уре: МЕ	BLK	Tes	tCode: <b>EF</b>	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: <b>79</b>	674	F	RunNo: 10	02212				
Prep Date: 1/2/2024	Analysis D	ate: <b>1/</b>	3/2024	9	SeqNo: 37	773291	Units: mg/K	g		
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: <b>MB-79677</b>	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: <b>79</b> 6	677	F	RunNo: 10	02212				
Prep Date: 1/2/2024	Analysis D	ate: 1/	3/2024	5	SeqNo: 37	773292	Units: mg/K	g		
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	SampT	ype: <b>MS</b>	<b>3</b>	Tes	tCode: <b>EF</b>	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: L11 4.0'-4.5'	Batch	ID: <b>79</b>	677	F	RunNo: 10	02236				
Prep Date: 1/2/2024	Analysis D	ate: 1/	4/2024	5	SeqNo: 37	774640	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
DI 15 0 1 (550)										

### 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 Quanitative Limit

Diesel Range Organics (DRO)

Surr: DNOP

76

5.9

9.5

47.30

4.730

B Analyte detected in the associated Method Blank

49.5

124

54.2

69

135

147

- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

52.90

S

### 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 SeqNo: 3774641 Prep Date: 1/2/2024 Analysis Date: 1/4/2024 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 Quanitative Limit
- 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, 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

 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 Quanitative 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, Inc.

WO#: **2312D08** *11-Jan-24* 

Client: R.T. Hicks Consultants, LTD

**Project:** Vintage Drilling Section 35 Release Site

Sample ID: Ics-79614	Samp <sup>1</sup>	Гуре: <b>LC</b>	s	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h ID: <b>79</b> 6	614	F	RunNo: 10	02164				
Prep Date: 12/27/2023	Analysis [	Date: <b>12</b>	/29/2023	5	SeqNo: 37	771228	Units: mg/K	g		
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	Samp <sup>1</sup>	Туре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	h ID: <b>79</b> 6	614	F	RunNo: 10	02164				
Prep Date: 12/27/2023	Analysis [	Date: <b>12</b>	/29/2023	5	SeqNo: 37	771229	Units: mg/K	g		
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 Quanitative 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

TEL: 505-345-3975 FAX: 505-345-4107

# Sample Log-In Check List

Released to Imaging: 7/22/2024 1:27:26 PM

4901 Hawkins NE Albuquerque, NM 87109

	weosue. www.i	natienvironment			
Client Name: R.T. Hicks Consulta	nnts, Work Order Numbe		,	RcptNo: 1	
Received By: N'(Cl( Lowman	12/21/2023 3:40:00 F	M Mit			
Completed By: Cheyenne Cason	12/21/2023 4:46:11	<b>РМ</b>	Cheml		
Reviewed By:	2/22/23 Extra So	mps \$112.	77.23		
Chain of Custody				_	
1. Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present	
2. How was the sample delivered?		Client			
<u>Log In</u>					
3. Was an attempt made to cool the s	amples?	Yes 🗸	No 🗌	NA 🗔	
4. Were all samples received at a tem	perature of >0° C to 6.0°C	Yes 🗌	No 🔽	NA 🗆	
F		Approved I			
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗔		
6. Sufficient sample volume for indicat	ted test(s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG	6) properly preserved?	Yes 🗹	No 🗌		
8. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗆	
9. Received at least 1 vial with headsp	pace <1/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹 ,	
10. Were any sample containers receiv	red broken?	Yes	No 🗹	# of preserved	
			M 11721	bottles checked	
11. Does paperwork match bottle labels (Note discrepancies on chain of cus		Yes V	NINP	- 1	unless noted)
12. Are matrices correctly identified on	Chain of Custody?	Yes 🗹	No 🗌	Adjusted?	1
13. Is it clear what analyses were reque		Yes 🗹	No 📙	St. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	11/22/23
14. Were all holding times able to be m (If no, notify customer for authorizat		Yes 🗹	No 🗀	Checked by:	00000
Special Handling (if applicable				Extra samples Ju	12/27/23
15. Was client notified of all discrepand		Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date:			-	
By Whom:	Via:	' □ eMail □	Phone Tax	n Person	
Regarding:					
Client Instructions:					
16. Additional remarks: COC MU	Sting Sample unti	remation	Janatys 15	request for so	imples -06
,	-009. W121123				
Cooler No Temp °C Condi		Seal Date	Signed By		
1 3.6 Good 2 8.9 Good	Not Present Morty Not Present Morty				
. J.	HOLLI TESETIC INICITY				

eceived by	OCD: 7/2	31-Cu	Received W. OCD: 7/22/2024 7:48:304 Mecord	Turn-Around	Time:					¥	4		7	8	Z	Page 222 of 234  HALL ENVIRONMENTAL	222 og TA	f 234
~	T Hicks C	RT Hicks Consultants	ıts	☐ Standard	□ Rush	de la constant de la			П	A	ANALYSIS	YS	S	3	30	LABORATORY	OR	X
1	:			Project Nam	Project Nam€ Vintage Drilling	<u></u> <u></u>				*	w.hall	enviro	www.hallenvironmental.com	ntal.c	E C			
Ιď	Mailing Address:	901 Rio	901 Rio Grande NW Ste. F-142	Section 35 Release Site	elease Site			490	4901 Hawkins NE	vkins	- 빌	Albuc	querq	ue, N	Albuquerque, NM 87109	60		
		Albuque	Albuquerque, NM 87104	Project #:				_  e	Tel. 505-345-3975	345-3	975	П	Fax 505-345-4107	5-345	-4107			1
Phone #:		505 266 5004	5004								Ā	alysi	Analysis Request	dnes		H		
는	email or Fax#:	david@r	david@rthicksconsult.com	Project Manager:	ager:		(1	(0)	-			<sup>₹</sup> O5	-	(jue		_		
a	QA/QC Package:						Z08)	AM /	s,8(	SWI		S ԠC		-ypse				
퓡	□ Standard		☐ Level 4 (Full Validation)	D. Hamilton			) s,e	O5				 Н '	_	/Jue		_		
ā	Accreditation:	□ Az Co	□ Az Compliance	Sampler:	Ы		IMT	Id /				ON						
□ NELAC		□ Other		On Ice:	₩.Yes	No	/3	ОЯ				, <sub>E</sub> (	AO'					
$\leq$	EDD (Type)				4		LBE	9)(								_		
				Cooler Temp	D(including CF):		-M	मुहा										
<u></u>	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL NO.	(X318	08:Hai	9 1808	EDB (N	АЯЭЯ	CI) E' I	7) 0328 8) 0728	O lstoT				
12/20	10:15	soil	L1 0'-2'	4 oz glass		CCI	×	×				×						
12/20	10:15 soil	soil	L1 2'-4'	4 oz glass		<i>001</i>	×	×				×						
12/20	10:18 soil	soil	L1 4.0'-4.5'	4 oz glass		B	×	×		_		×				_		
12/20	10:25 soil	soil	L1-2 0'-2'	4 oz glass		BY				_		×				_		
12/20	10:25 soil	soil	L1-2 2'-4'	4 oz glass		88				_		×		$\dashv$		_		
12/20	10:35 soil	soil	L1-2 4.0'-4.5'	4 oz glass		900						×	_					
12/20	10:45 soil	soil	L3 0'-2'	4 oz glass		123			_	_		×					_	
12/20	10:45 soil	soil	L3 2'-4'	4 oz glass		BOS.	_			_		×	$\dashv$	_			$\downarrow$	
12/20	10:55 soil	soil	L3 4.0'-4.5'	4 oz glass		900			1	$\dashv$		×	-			_	$\dashv$	
12/20	11:10 soil	lios	L3-2 0'-2'	4 oz glass	_	010	_					×		_		$\dashv$	_	
12/20	11:10 soil	soil	L3-2 2'-4'	4 oz glass		0	_					×				$\dashv$		
12/20	11:15	11:15 soil	L3-2 4.0'-4.5'	4 oz glass						$\dashv$		×	-	_		$\dashv$	$\dashv$	
	Time: 【こべい	Relinquist	hed by:	Received by:	Via:	Date Time $ 2 /2 /23$ $ 54\rangle$	Se /	Remarks: ∠so(e≀	emarks: Cooler TemPS	2	© ©	0		_	STY	MOTH NL 1421/23	12/21	23
7-	Time:	Relinquished by	ished by:	Received by:			T				, V	0	e Å	0				
																:		

Project Name   Proj	Received W	OCD: 7/2	3629347	Received & OCD: 7/22/2024 7:48:304 Mecord	Turn-Around	Time:						-		Č	2	Pag	Page 223 of	f 234
Signature   Project Name   Project	Client: R	T Hicks C	onsultan	ıts	  X Standard					7 -		4	SIS	2 7	BO	8	TOR	_ ≿
Section 35 Release Site   About Hawkins NE   Section 35 Release Site   About Hawkins NE   Section 35 Release Site   About Hawkins NE   Society   Section 35 Release Site   About Hawkins NE   Society   Section 35 Release Site   About Hawkins NE   Society   Section 35 Release Site   Tel. 605-345-3975   Section 35 Release Site   Tel. 605-345-39					Project Name	Vintage Drilli	ng				www	hallen	vironn	nental	moo.			
Sample   Albuquerque, NM 87104   Project #: Tel. 505-365-3975	Mailing Ac		901 Rio (		Section 35 R	elease Site			4901	Haw	kins N	٠ ا	enbnqı	erque,	NM 87	7109		
Courte   C		,	Albuquer	que, NM 87104	Project #:				Tel.		45-39	75	Fax	505-3	45-410	7		1
Contained By:   Contained By	Phone #:	-	505 266	5004						H		Ana	lysis	Redu	est			
Cooler Temple   Cooler Templ	email or F		david@rt	thicksconsult.com	Project Mana	ger:		(1	(0)	-		*OS			(jue			
Container   Cont	QA/QC Pa(	kage:						 S08)	AM \	CB.e	SWI	S ''O			∋sq∀			
DAz Compliance   Sampler: DH   DH	Standa	<u>p</u>		☐ Level 4 (Full Validation)	D. Hamilton			s,8	Ο۶	)d 7	S02	<u>-</u> -			ДU		_	
Other   Content   Freservative   HEAL No.   Content   Freservative   Content   Freservative   Content   Freservative   Fr	Accreditat		□ Az Co		Sampler:	DH		IMT	ld /			ON	7		esə.			
Matrix   Sample Name   Preservative   HEAL No.   Cooler Temporeulange Critical Science   Container   Preservative   HEAL No.   Cooler Temporeulange Critical   Container   Preservative   HEAL No.   Cooler Temporeulange Critical   Container   Preservative   HEAL No.   Cooler Temporeulange Critical   Cooler Temporeula	□ NELAC		□ Other		On Ice:	⊠ Yes	oN 🗆	/ =	90				- 10		년)			
Time Matrix Sample Name Type and # Type 231 £008	L) GGB 🗆	_ype)			# of Coolers:	d		LBE	(GI						mıc			
Time Matrix Sample Name Type and # Type Container Type and # Type A Type and # Type A					Cooler Temp	(including CF);		LM	वडा						ofilo 			•
20 11:25 soil L5 2-4' 4 oz glass O1 3			Matrix		Container Type and #	Preservative Type	731	BTEX	08:Hg7						O lstoT			
20         11:25 soil         L5 2'4'         4 oz glass         014         X           20         11:35 soil         L5 4.0'-4.5'         4 oz glass         015         X           20         11:35 soil         L5-2 2'-4'         4 oz glass         017         X           20         11:35 soil         L5-2 4.0'-4.5'         4 oz glass         017         X           20         11:50 soil         L7 2'-4'         4 oz glass         020         X           20         11:55 soil         L7 2'-4'         4 oz glass         022         X           20         11:55 soil         L7-2 0'-2'         4 oz glass         023         X           20         12:05 soil         L7-2 0'-2'         4 oz glass         023         X           20         12:05 soil         L7-2 0'-2'         4 oz glass         023         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         023         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         023         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         023         X           20         12:05 soil         L7-2 4.0	12/20	11:25	soil	L5 0'-2'	4 oz glass		013				$\Box$	×	$\vdash$					
20         11:36 soil         L5 4.0'-4.5'         4 oz glass         O16         X           20         11:35 soil         L5-2 2'-4'         4 oz glass         O17         X           20         11:35 soil         L5-2 4.0'-4.5'         4 oz glass         O18         X           20         11:50 soil         L7 2'-4'         4 oz glass         O20         X           20         11:55 soil         L7 2'-4'         4 oz glass         C21         X           20         12:05 soil         L7-2 0'-2'         4 oz glass         C22         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C22         X           20         12:05 soil         L7-2 2'-4'         4 oz glass         C23         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C23         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C23         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C23         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C23         X           20         12:05 soil         <	12/20	11:25	soil		4 oz glass		410					×						
20         11:35 soil         L5-2         0'-2'         4 oz glass         Olf         X           20         11:35 soil         L5-2         2'-4'         4 oz glass         Olf         X           20         11:50 soil         L7 0'-2'         4 oz glass         Olf         X           20         11:50 soil         L7 2'-4'         4 oz glass         O2O         X           20         11:55 soil         L7 4.0'-4.5'         4 oz glass         C2L         X           20         12:05 soil         L7-2 0'-2'         4 oz glass         C2L         X           20         12:05 soil         L7-2 2'-4'         4 oz glass         C2L         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C2L         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C2L         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C2L         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C2L         X           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C2L         X           20	12/20	11:30	soil	L5 4.0'-4.5'	4 oz glass		510					×					$\exists$	
20         11:35 soil         L5-2         2'-4'         4 oz glass         O17         X           20         11:50 soil         L5-2         4.0'-4.5'         4 oz glass         C/14         X           20         11:50 soil         L7 2'-4'         4 oz glass         C/20         X           20         11:55 soil         L7 4.0'-4.5'         4 oz glass         C/22           20         12:05 soil         L7-2 2'-4'         4 oz glass         C/22           20         12:05 soil         L7-2 2'-4'         4 oz glass         C/23           20         12:05 soil         L7-2 2'-4'         4 oz glass         C/23           20         12:05 soil         L7-2 2'-4'         4 oz glass         C/23           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C/23           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C/23           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C/23           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C/23           20         12:05 soil         L7-2 4.0'-4.5'         4 oz glass         C/23           21         12:0	12/20	11:35	soil		4 oz glass		016					×						
20         11:40         soil         L5-2         4.0'-4.5'         4 oz glass         O18         X           20         11:50         soil         L7         2'-4'         4 oz glass         O2C         X           20         11:55         soil         L7         4 oz glass         C2L         X           20         12:05         soil         L7-2         0'-2'         4 oz glass         C2L         X           20         12:05         soil         L7-2         2'-4'         4 oz glass         C2L3         X           20         12:05         soil         L7-2         4 oz glass         C2L3         X           20         12:05         soil         L7-2         4 oz glass         C2L3         X           20         12:05         soil         L7-2         4 oz glass         C2L3         X           20         12:05         soil         L7-2         4 oz glass         C2L3         X           20         12:05         soil         L7-2         4 oz glass         C2L3         X           20         12:05         soil         L7-2         4 oz glass         C2L3         X           20	12/20	11:35	soil	1	4 oz glass		710					$\stackrel{\times}{\parallel}$						
20 11:50 soil L7 2'-4' 4 oz glass 020	12/20	11:40	soil		4 oz glass		810					×						
20 11:50 soil L7 2'-4' 4 oz glass 020	12/20	11:50	soil		4 oz glass		619					×						
20 12:05 soil L7-4.0'-4.5' 4 oz glass C22	12/20	11:50	soil	L7 2'-4'	4 oz glass		020					×						
20 12:05 soil L7-2 2'-4' 4 oz glass 522   X	12/20	11:55	soil		4 oz glass		120					×						
20 12:05 soil L7-2 2'-4' 4 oz glass C23   X	12/20	12:05	soil		4 oz glass		220					<u> </u>						
20         12:15 soil         L7-2 4.0'-4.5'         4 oz glass         D24	12/20	12:05	soil		4 oz glass		023					$\stackrel{x}{\dashv}$			_			
Time: S. C. Relinquished by: Received by: Via: Date Time Remarks: 8.9 Time: Relinquished by: Nia: Date Time Received by: Via: Date Time 3.6		12:15	soil	L7-2	4 oz glass							^						
Time: Relinquished by: Neceived by: Via: Date Time 3.6		£ *	Relinquish	led by:	Received by:	Via:		ጁ	marks:		500	(%)		8.6		\ \	82/12/23 NA 12/23	1/23
Time: Relinquished by: Received by: Via: Date IIme	1		70	iera Hamskush	Mudom	- CD2	۱,	I	·		l <del>.</del>	3.6	Q,	3,0				
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Received	by OCD: 7	33-2824	Received by OCD: 72372824 318330 MRecord	Turn-Around T	Time:					4	٣	Ž	IR	HALL ENVIRONMENTAL	Page	224 of 2.	34
Client:	RT Hicks Consultants	Sonsultan	ts	Standard Standard	□ Rush					ANALYSIS	7	SIS	1	LABORATORY	ZAT	ORY	
				Project Name	Project Name Vintage Drilling	<u> </u>				www.	hallen	www.hallenvironmental.com	nenta	l.com			
Mailing	Mailing Address:	901 Rio (	901 Rio Grande NW Ste. F-142	Section 35 Rele	elease Site			4901	Hawk	4901 Hawkins NE		nbnqı	erdne	- Albuquerque, NM 87109	60		
		Albuquer	Albuquerque, NM 87104	Project #:				Tel.	505-3	Tel. 505-345-3975	72		505-3	505-345-4107			
Phone #	#	505 266 5004	5004								Ana	/sis	Reduest	est	-	-	
email or Fax#	r Fax#:	david@rl	david@rthicksconsult.com	Project Manager:	ger:		(12			,	OS			(juə			
QA/QC1	QA/QC Package:						(808)	M / C		SWIS	'⁵Od	14		sdA\tı			
□ Standard	dard		Level 4 (ruii vaiidauoii)				.81					17		Jə:			
Accreditation:	tation:	☐ Az Co	☐ Az Compliance	Sampler: On Ice:	DH Yes	oN	NT \		1.40g				(AC	Pres			
	FDD (Tyne)			# of Coolers:	a		38.						) <b>√</b> -i	w.x			
				Cooler Temp(including CF):	(including CF).		ΤM			_		_	шə	olifo			
				Container	Preservative	2312008 HEAL NO	IX.				8 AЯ Е, В	V) 08	S) 02	O ls			
Date	Time	Matrix	Sample Name	Type and #	Туре	230 on Meels	118	À-	$\rightarrow$	-+	_	-	728	foΤ	1		
12/20	12:20 soil	soil	L8 0'-2'	4 oz glass		520	×	×	_		×						
12/20		soil	L8 2'-4'	4 oz glass		920	×	×			$\widehat{}$	×					
12/20		soil	L8 4.0'-4.5'	4 oz glass		720	×	×			$\stackrel{\sim}{+}$	×					-
12/20		soil	L8-2 0'-2'	4 oz glass		820			-		$\stackrel{\sim}{+}$	×					
12/20		soil	L8-2 2'-4'	4 oz glass		620						×		1	-		
12/20		Soil	L8-2 4.0'-4.5'	4 oz glass		030					$\hat{\exists}$	×			$\dashv$		
12/20		Soil	L10 0'-2'	4 oz glass		ଠୟା					$\stackrel{\sim}{+}$	×		1			T
12/20		lsoil	L10 2'-4'	4 oz glass		032		+	$\dashv$		$\stackrel{\sim}{+}$	×				1	Т
12/20	12:55 soil	Soil	L10 4.0'-4.5'	4 oz glass		033			$\dashv$		$\stackrel{\sim}{+}$	$\frac{1}{\times}$		1			Т
12/20		Soil	L10-2 0'-2'	4 oz glass		034		1	_			×			+		_
12/20		13:05 soil	L10-2 2'-4'	4 oz glass		635			_			×				1	Т
12/20		13:10 soil	L10-2 4.0'-4.5'	4 oz glass					$\dashv$			×			_		$\neg$
Date	<u> </u>	Time: [6 14 Relinquished by	y d bed	Received by:	Via:	Date Time	Ren	Remarks:			Ö	(	8.9		3	12/21	50
7	To Carl		IN HOLINATURES	Nether	CDO		<u></u>	Cooler Tens	à	Ž Ž	3.6-0	101	٨, ١,		₹ \ <i>\</i>	MONTH WILL	3
Date:	Time:	Relinquished by:	hed by:	Received by:	Via:	Date Time					i						
				redto of bottom	interrodel besides	nealised laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	is possi	bility. A	o-qns ^r	ontracte	data w	≡ be cle	arly nota	ted on the a	nalytical re	port.	

Received	NOCD: 7	32284	Received by OCD: 7/22/2024 7:48:30 4M Record	Turn-Around	Time:					I		ш	2		2	Σ	Page	225 o	Puge 225 of 234
Client: F	RT Hicks Consultants	Sonsultar	ıts	X Standard	Rush		1 _			<	ANALYSIS	3	SIS	7	LABORATORY	OR.	A	O	<b>*</b>
				Project Name	Vintage Drilling	<u>ق</u>				5	ww.h	allen	ironn	nenta	www.hallenvironmental.com	_			
Mailing /	Mailing Address:	901 Rio	901 Rio Grande NW Ste. F-142	Section 35 Release Site	elease Site			49	71 H	awkir	4901 Hawkins NE	1	enbnc	erdne	Albuquerque, NM 87109	8710	တ		
		Albuquei	Albuquerque, NM 87104	Project #:				Те Е	l. 50	5-34	505-345-3975	10	Fax (	505-3	Fax 505-345-4107	107			ı
Phone #:		505 266 5004	5004							Ť	H	Anal	Analysis Request	Redu	est				
email or Fax#	Fax#:	david@r	david@rthicksconsult.com	Project Manager:	ger:		(1:	(0)			-	<sup>†</sup> OS			(jue				
QA/QC Package:	ackage:			: :			208)	JM /	CB,a		SWIS	Oq, 5		_	esdA\				
□ Standard	dard		☐ Level 4 (Full Validation)	D. Hamilton			B,e	ВО	d 7		302	 7 ¦2			que	_			
Accreditation:	ation:	□ Az Co	□ Az Compliance	Sampler:	DH		MΤ	۱.	808		. 85.	ON		()	res				
□ NELAC	သူ	□ Other		On Ice:	⊠ Yes	No	/Ξ	ОЯ	/sə					ŲΟ	<u>-</u>				
☐ EDD (Type)	(Type)			# of Coolers:			IBI	၅)(	cid					V-ir	סנוג				
				Cooler Tempo	(including CF):		M	39	itsə					ມອຸ	olilo —				
	\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	, + C & A	Sample Name	Container	Preservative Type	HEAL No.	X3TEX)	<del>0</del> 8-Hd.	더 180	N) BO	d sHA	ACRA 8	v) 09Z	3) 072	Otal C				
12/20	13:15	Soil	L10-3 0'-2'	4 oz glass		23/2000 037	3	<u> </u>	8	+		_	-	В	L	-	igaplus	_	
12/20	13:15 soil	Soil	L10-3 2'-4'	4 oz glass		038						×							
12/20	13:20 soil	soil	L10-3 4.0'-4.5'	4 oz glass		039						×							
12/20	14:10 soil	soil	L11 0'-2'	4 oz glass		040	×	×				×				$\dashv$			
12/20		soil	L11 2'-4'	4 oz glass		140	×	×				×				$\dashv$			
12/20	14:15 soil	soil	L11 4.0'-4.5'	4 oz glass		042	×	×			-	×							
12/20		lios	L11-2 0'-2'	4 oz glass		c43					-	×				$\dashv$		$\downarrow$	
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Page 226 of 234	MATORY		60																						Mooth Maple	
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<u>District I</u> 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

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:	OGRID:
VINTAGE DRILLING LLC	24164
P. O. Box 248	Action Number:
Artesia, NM 88211024	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

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1220 S. St Francis Dr., Santa Fe, NM 87505

## **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

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUEST	IONS (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.
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 s The source of the release has been stopped	safety hazard that would result in injury.  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.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
Lhereby agree and sign off to the above statement	Name: Andrew Parker Title: Consultant

Email: andrew@mcnabbpartners.com

Date: 07/22/2024

I hereby agree and sign off to the above statement

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

QUESTIONS, Page 3

Action 365851

**QUESTIONS** (continued)

Operator:	OGRID:
VINTAGE DRILLING LLC	24164
P. O. Box 248	Action Number:
Artesia, NM 88211024	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 b	pe 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 delined	ated 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 8260)	B) 1
Benzene (EPA SW-846 Method 8021B or 8260	OB) 0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report include which includes the anticipated timelines for beginning and completing the remediat	des completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, tion.
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 reclaim	ned 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 remedi	iated 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 ca	alculation 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	y 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:	OGRID:
VINTAGE DRILLING LLC	24164
P. O. Box 248	Action Number:
Artesia, NM 88211024	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

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.

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required

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**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:	OGRID:
VINTAGE DRILLING LLC	24164
P. O. Box 248	Action Number:
Artesia, NM 88211024	365851
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

#### Deferral Requests Only Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation. Requesting a deferral of the remediation closure due date with the approval of this No submission

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

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

QUESTIONS, Page 6

Action 365851

#### **QUESTIONS** (continued)

Operator:	OGRID:
VINTAGE DRILLING LLC	24164
P. O. Box 248	Action Number:
Artesia, NM 88211024	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

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

CONDITIONS

Action 365851

### **CONDITIONS**

Operator:	OGRID:
VINTAGE DRILLING LLC	24164
P. O. Box 248	Action Number:
Artesia, NM 88211024	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	• 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