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MEMORANDUM

TO: Ms. Brittany Hall, Environmental Specialist, EMNRD Oil Conservation Division

FROM: Emily Woolsey; Senior Hydrogeologist, Project Manager INTERA

DATE: June 7, 2024

RE: Updated Soil Contamination Delineation Report – OCD Reed Estate #001 Wellsite Remediation

Introduction

INTERA Incorporated (INTERA) has prepared this updated Delineation Report for the New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD) for ongoing salvage, remediation, reclamation, and restoration services at the Reed Estate #001 orphaned wellsite located northeast of Lovington, New Mexico, in Lea County (the Site). INTERA implemented a Drilling Investigation at the Site from May 14, 2024, to May 24, 2024, to further delineate areas of contaminated soil in accordance with the Drilling Investigation Addendum to the Remediation and Reclamation Work Plan (INTERA, 2023 and 2024). This work was performed by INTERA under Contract No. 52100-0000074982 issued by the State of New Mexico General Services Department (NMGSD) on July 28, 2023, through Price Agreement No. 30-00000-22-00001, valid through February 26, 2025. This memorandum summarizes the results of drilling activities and estimates the amount of impacted soil remaining.

Deviations from the Work Plan include a reduction in the number of soil borings due to the ten-day event duration limitation compounded with drilling rate challenges encountered through the caliche and dense bedrock material; the number of soil borings was decreased from 25 to 15.

Background

In late November 2023, Unlimited Construction II (with oversight by INTERA) began dig and haul remediation activities to address historical releases of petroleum products from the former tank battery and oil and gas well at the Site. Elevated chloride concentrations above the remediation standard (600 mg/kg) were present both within and outside of hydrocarbon-impacted areas (> 100 mg/kg total petroleum hydrocarbons, or TPH). The excavation continued to expand both laterally and vertically, and in January 2024, the project team paused remedial activities to further delineate the extent of chloride impacts.

INTERA conducted a pothole delineation investigation in mid to late January 2024, which revealed an additional estimated 21,091 square feet (sq ft) area of chloride contamination concentrated in the southwest portion of the Site. This information was used to guide the next phase of dig and haul remediation activities, which began in February 2024. The pothole investigation was conducted using an

excavator with a 20 ft maximum extension limitation. In early May 2024, excavation confirmation sample results continued to exceed regulatory criteria at depths more than 20 feet below ground surface (ft bgs), and the soil profile, consisting predominantly of caliche with bedrock had become increasingly more difficult to excavate with depth. Accordingly, the project team planned a soil boring delineation drilling event for mid- to late May. The delineation activities performed during the May 2024 drilling event are described in the following section, and in the INTERA Drilling Investigation Addendum Work Plan submitted for the event (INTERA, 2024).

Field Activities Performed

The objective of the May 2024 Drilling Investigation was to reduce risk and uncertainty of the ongoing excavation activities by characterizing the vertical and horizontal extent of contamination still in need of remediation at the Site. Unlimited Construction II engaged Talon/LPE as the drilling contractor, and INTERA provided drilling oversight services to log soil borings, collect samples for field screening, and to transmit samples to the laboratory. Drilling Investigation activities were generally focused on non-delineated areas in the northwest and southwest corners of the Site. Priority was given to locations with the most significant data gaps in order to further refine contamination delineation. Boring locations were prioritized to first determine the maximum depth of contamination in areas identified during the pothole investigation as contaminated to at least 20 ft bgs, but were previously limited by the extent of the excavator arm, etc. Once maximum contamination depth was determined in multiple locations, the priority shifted to defining the horizontal extent boundary.

In total, Talon/LPE advanced 15 borings around the excavation (locations SB-02 through SB-26, **Figure 1**), from which INTERA submitted 33 samples to Cardinal Laboratories in Hobbs, NM. INTERA screened soil samples for volatile organic compounds, total petroleum hydrocarbons, specific conductivity, and chlorides in the field prior to submission to the laboratory. Cardinal Laboratory analyzed soil samples using the following methods:

- Chloride by United States Environmental Protection Agency (EPA) Method SM4500;
- BTEX VOCs by EPA Method 8021B; and
- TPH-GRO, -DRO, and -MRO by EPA Method 8015M/D.

INTERA assigned sample IDs for primary (non-quality assurance and quality control [QA/QC]) soil characterization samples as follows:

Boring number (top depth - bottom depth)

Where:

Boring number = assigned boring number, (e.g.., SB-03) top depth = depth (in ft bgs) of the top of the sampled interval bottom depth = depth (in ft bgs) of the base of the sampled interval

Example:

SB-03 (10-12.5) = soil sample collected from SB-03 from 10 to 12.5 ft bgs.



While drilling, INTERA collected observations of soil characteristics in accordance with the ASTM Standard D 2488-17e1, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure; ASTM 2018). Talon/LPE used a Geoprobe track mounted 8150 LS sonic drill rig to advance soil borings. Daily activity summaries were provided by INTERA to the client and all contractors.

Geologic observations collected by INTERA during this field event are generally consistent with what was described in the work plan (INTERA 2024). Soil sediments from ground surface to approximately 2 ft bgs consist of dark brown, well sorted, fine to coarse grained loose sands with some gravel and organics. Between 2 ft and approximately 25 ft bgs, the soil sediments encountered typically consist of a tan to light brown, fine to medium grained, caliche with gravel, and occasional sand lenses. Beginning at approximately 25 ft bgs, the stratigraphy transitions to a dense, well-cemented calcrete, consisting primarily of calcite (calcium carbonate) and silica. A photolog of drilling oversight observations is included in **Appendix A** and boring logs from the drilling investigation are provided in **Appendix B**.

Soil boring locations were logged in the field using a combination of a GPS booster with a handheld tablet or smartphone. Although the horizontal accuracy claim from this device combination is 1.5 meters, field measurements and triangulation from known points on site such as the well monument and southwest fence corner indicate GPS locations vary by +/- 15 ft.

Delineation Investigation Results and Volume Estimate

Analytical results from the May 2024 drilling event are provided in **Appendix C** and summarized in **Table 1**. The results indicate a maximum vertical contamination depth of 24 ft in SB-17 and up to 25 ft in SB-19 according to field screening measurements (**Appendix B**). The current excavation area and additional soil contamination areas that require remediation are depicted in **Figure 1**. The status of floor and wall confirmation samples within the excavation are indicated with colored polygons and polylines, respectively, with green indicating a passing sample, blue indicating passing field screening, and red or orange samples representing areas exceeding the remediation criteria as determined by the lab or during field screening, respectively. The contours in **Figure 1** represent the contamination depth estimates ranging from 0 ft to 25 ft based on lab results and field screening measurements.

As shown in **Figure 1**, impacted soil remains to the southwest and south of the current excavation footprint, and is delineated by borings SB-26, SB-08, SB-18, and SB-04, and January 2024 pothole samples PH-M, PH-Y, PH-AB, PH-H, PH-Z, Background B, and PH-W. Similarly, the northern extent of the excavation is delineated by soil borings SB-25, SB-02, and SB-03. INTERA used the updated vertical and horizontal contamination extents interpolated from the soil boring data to refine the volume estimates of impacted material in Civil3D, which are summarized below.

Additional Excavation	Surface Area (ft²)	Volume (CY)
Current excavation areas (northern) still in exceedance of release criteria	7,655	3,030
Southwest area in exceedance of release criteria (future excavation)	22,850	10,950



Total additional contaminated soil (in ground volume) in need of remediation	-	13,980
Excavated bulking factor (20%)	-	2,796
Total additional contaminated soil (excavated volume) in need of remediation	-	16,776

These volumes are based on the surface area for each contamination depth category in the newly delineated area, as well as the portions of the current excavation that require further excavation. As shown on **Figure 1**, our estimate of remaining soil impacts is as follows:

- Northern Excavation Area: an approximately 7,655 square foot area in the northern portion of the Site requires further removal, equating to approximately 3,030 CY of soil.
- Southwest Area: an approximately 22,850 square foot area of affected soil was estimated in the
 area southwest of the current excavation. This equals approximately 10,950 CY of impacted soil.

In total, approximately 14,000 cubic yards (CY) of impacted soil are still in need of remediation, which assuming a 20% bulking factor, equates to approximately 16,800 CY of additional contaminated soil to be hauled offsite.

INTERA has used the following assumptions in this volume estimate:

- Includes both the newly delineated areas and any walls and floors within the current excavation that have not yet passed field screening or lab confirmation.
- Total excavated soil estimate includes a 20% bulking factor added to the in-ground volume.
- Conservative depth estimates (i.e. if a soil sample failed screening at 10 ft depth, but passed screening at 15 ft depth, the volume estimate assumes up to 15 ft floor excavation at that location).
- For the current excavation areas that still exceed remediation criteria, an additional excavation depth of approximately 10 ft was assumed, or to the maximum depth of nearby passing samples where appropriate.
- Design plans including sloping and benching for excavation depths beyond 20 ft bgs will increase
 the volume of excavated material. This overburden material volume has not been included in
 INTERA's estimates of additional excavation of impacted soils.
- This volume estimate is based on available data with no contingency built-in for uncertainty. For budgeting purposes, we recommend adding a 10-20% contingency to the volume estimate.

Schedule

Based on the estimated volume of impacted soil remaining at the Site, the anticipated duration for soil remediation and surface reclamation would be approximately 15 weeks from the re-mobilization start date. The continued process of closing the Site includes additional excavation and disposal of contaminated soil, field screening analysis, collection of composite and grab samples of the subgrade



soil, lab results analysis of confirmation samples, backfill and compaction of the excavation area, regrading of the excavation area, and seeding of all disturbed areas.

References

- ASTM. 2018. ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedures), ASTM International, West Conshohocken, PA., www.astm.org.
- INTERA Incorporated (INTERA). 2024. Additional Drilling Investigation Addendum to Remediation and Reclamation Work Plan. Reed Estate #001 Orphan Wellsite, Lea County, New Mexico. Prepared for: State of New Mexico Energy, Minerals & Natural Resources, Department Oil Conservation Division. May 2024.
- ______. 2023. Remediation and Reclamation Work Plan. Reed Estate #001 Orphan Wellsite, Lea County, New Mexico, prepared for New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division. August 2023.



Tables

Soil Contamination Delineation Report OCD Reed Estate Wellsite Remediation FY24



Table 1
Soil Delineation Boring Field Readings and Analytical Results

Reed Estate #001, Lea County, NM

				Fi	ield Reading	;s		Labo	oratory Res	ults
			Depth							
Sample Name /	Sample		Interval		SPC		Lab	∑ TPH	∑ BTEX	Cl
ID	Date	Boring ID	(ft bgs)	PID (ppm)	(μS/cm)	Cl (ppm)	Pass/Fail?	[mg/kg]	[mg/kg]	[mg/kg]
SB-02 (8-10)	5/14/2024	SB-02	8-10	1	509	42	Pass	<30	<0.30	16.0
SB-02 (34.5-36)	5/14/2024	SB-02	34.5-36	0	185	<31	Pass	<30	<0.30	16.0
SB-03 (10-12.5)	5/15/2024	SB-03	10-12.5	1	1117	36	Pass	<30	<0.30	32.0
SB-03 (31.5-35)	5/15/2024	SB-03	31.5-35	0	633	42	Pass	15.4	<0.30	48.0
SB-04 (2-4.5)	5/22/2024	SB-04	2-4.5	0	1650	71	Pass	<30	<0.30	304
SB-04 (21-24)	5/23/2024	SB-04	21-24	0	257.9	<31	Pass	<30	<0.30	48
SB-06 (10-12.5)	5/23/2024	SB-06	10-12.5	6	2990	98	Pass	24.7	<0.30	560
SB-06 (15-17)	5/23/2024	SB-06	15-17	1	781	42	Pass	<30	<0.30	144
SB-08 (11-13)	5/23/2024	SB-08	11-13	0	277	<31	Pass	<30	<0.30	16
SB-08 (18-20)	5/23/2024	SB-08	18-20	0	180.8	<31	Pass	<30	<0.30	32
SB-10 (9.5-12)	5/22/2024	SB-10	9.5-12	1	16910	420	Fail	<30	<0.30	4560
SB-10 (23-25)	5/22/2024	SB-10	23-25	0	361.5	<31	Pass	16.8	<0.30	48
SB-14 (5-7)	5/18/2024	SB-14	5-7	0	7631	297	Fail	<30	<0.30	2560
SB-14 (34-35)	5/18/2024	SB-14	34-35	57/0	280.5	<31	Pass	<30	<0.30	48.0
SB-15 (7.5-10)	5/20/2024	SB-15	7.5-10	6	7742	319	Fail	<30	<0.30	1,880
SB-15 (30.5-33)	5/20/2024	SB-15	30.5-33	0	117.1	<31	Pass	29.5	<0.30	32.0
SB-16 (20.5-23)	5/20/2024	SB-16	20.5-23	35	331.3	<31	Pass	<30	<0.30	48.0
SB-16 (34-36)	5/20/2024	SB-16	34-36	0	192.6	<31	Pass	<30	<0.30	32.0
SB-17 (7.5-10)	5/16/2024	SB-17	7.5-10	1	13470	450	Fail	<30	<0.30	4100.0
SB-17 (16.5-19)	5/16/2024	SB-17	16.5-19	0	7834	257	Fail	<30	<0.30	1950.0
SB-17 (21.5-24)	5/21/2024	SB-17	21.5-24	1	888	<31	Fail	523	<0.30	480
SB-17 (41-44)	5/22/2024	SB-17	41-44	9	239.2	<31	Pass	72.4	<0.30	48
SB-18 (15-17.5)	5/17/2024	SB-18	15-17.5	0	739	<31	Pass	13.4	<0.30	128.0
SB-18 (33-36)	5/17/2024	SB-18	33-36	0	166	<31	Pass	<30	<0.30	80
SB-19 (12-14)	5/19/2024	SB-19	12-14	0	33240	646	Fail	23.2	<0.30	11,600
SB-19 (35-37)	5/19/2024	SB-19	35-37	1	213.9	<31	Pass	<30	<0.30	48.0
SB-23 (11-13)	5/20/2024	SB-23	11-13	0	2054	88	Pass	<30	<0.30	528
SB-23 (32.5-35)	5/21/2024	SB-23	32.5-35	0	2054	88	Pass	12.6	<0.30	32
SB-123 (32.5-35)	5/21/2024	SB-23	32.5-35	3	323.1	<31	Pass	<30	<0.30	32
SB-25 (28-30)	5/15/2024	SB-25	28-30	51	866	42	Pass	44.2	<0.30	32.0
SB-25 (32.5-35)	5/15/2024	SB-25	32.5-35	0	700	42	Pass	<30	<0.30	16.0
SB-26 (4-6)	5/23/2024	SB-26	4-6	2	290.5	31	Pass	<30	<0.30	32
SB-26 (12-14.5)	5/23/2024	SB-26	12-14.5	1	440.2	<31	Pass	<30	<0.30	32

Notes:

mg/kg: milligrams per kilogram; ppm: parts per million; SPC: specfic conductivity; μ S/cm: microsiemens per centimeter Laboratory analytical results compared to conservative cleanup criteria from 19.15.29.12 NMAC:

Total Petroleum Hydrocarbons (TPH): 100 mg/kg total (GRO+DRO+MRO);

Benzene, ethylbenzene, toluene, and xylene (BTEX): 50 mg/kg, or 10 mg/kg benzene; and Chloride (CI): 600 mg/kg.

Soil sample depths in feet below ground surface.

'<' analyte not detected above laboratory method detection limit.

Red/Bold indicates values in excess of release limits.

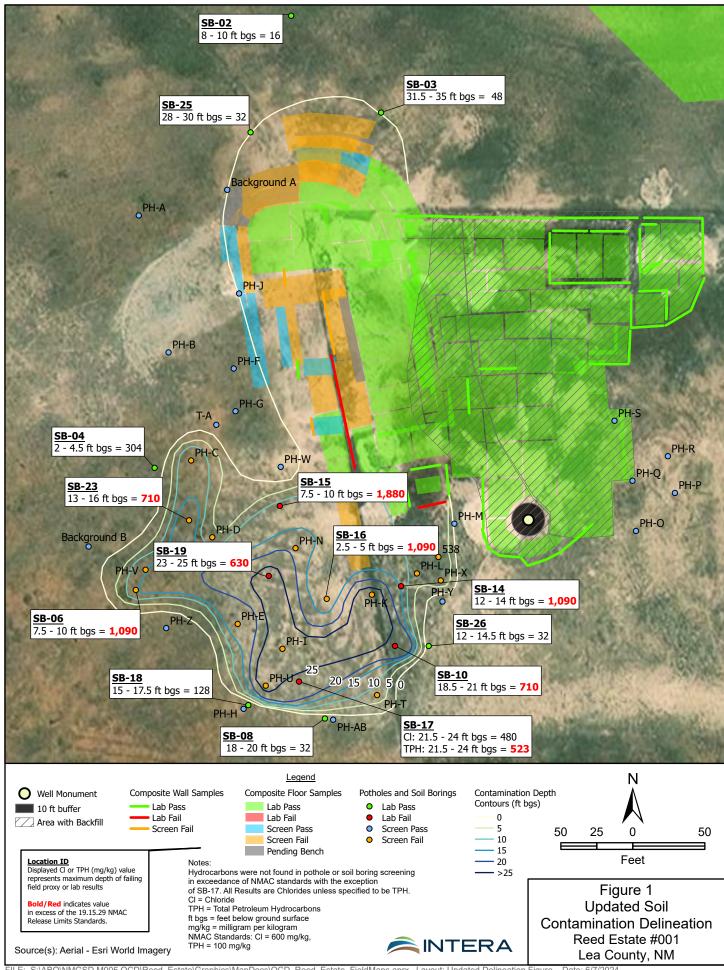
Sample SB-123 (32.5-35) is a duplicate of SB-23 (32.5-35).



Figures

Soil Contamination Delineation Report OCD Reed Estate Wellsite Remediation FY24





Appendix A

Photolog – Drilling Investigation

OCD Reed Estate Wellsite Remediation FY24







Photograph 1: Positioning track mounted sonic core rig over marked borehole location



Photograph 2: Talon LPE – typical Geoprobe 8150LS sonic drill rig setup





Photograph 3: Drilling rods and casing staged near rig during drilling



Photograph 4: INTERA geologist collecting core samples for field screening and borehole logging





Photograph 5: Sonic core samples of dark sandy top soil and lighter colored caliche material



Photograph 6: INTERA geologists logging and field screening drilling samples for hydrocarbons and chlorides





Photograph 7: Backfilling borings with 3/8" Hole Plug bentonite chips



Photograph 8: Adding water to backfilled borings in order to hydrate the bentonite chips





Photograph 9: INTERA taking tape measurements of soil boring locations

Appendix B

Boring Logs - Drilling Investigation

OCD Reed Estate Wellsite Remediation FY24



15

Date Started: DTW (ft bgs): 05-14-2024 Not Encountered INTERA Date Completed: Boring Depth (ft bgs): 05-14-2024 36.00 Drilling Method: Boring Diameter (in): Sonic LOG OF BORING: 4.00 Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3691.21 OCD Reed Estate Latitude**: Drilling Company: Talon LPE SB-02 33.001683 Driller: Longitude**: J. Tomayo -103.08293 Project #: Logged By: B. Williamson NMGSD.M005.OCD-REED1FY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description 0 Poorly Graded SAND (SP), fine grained, subrounded to subangular; few (5-10%) Clay; trace (<5%) Gravel, fine to coarse grained, subrounded to subangular; 10YR 8/1 (white), very loose, dry, no staining, strong HCl reaction, weak hydrocarbon odor, powdery caliche 1 582 42 3690 410.9 36 Poorly Graded SAND (SP), fine grained, subrounded to subangular; trace (<5%) Clay; trace (<5%) Gravel, fine to coarse grained, subrounded to subangular; 7.5YR 8/2 (pinkish white), very loose, dry, no odor, no staining, strong HCI reaction, powdery caliche 5. -5 0 411.3 36 0 474 31 SB-02 (8-10) Lab Results: \(\sumsymbol{TPH} < 30 \text{ mg/kg}, \subseteq \text{BTEX} < 0.30 \text{ mg/kg}, \text{CI = 16.0 mg/kg} 509 42 10 10

> Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; trace (<5%) Clay; little (15-25%) Gravel, fine to coarse grained, rounded to subangular; 7.5YR 8/2 (pinkish white) with 10YR 8/3 (very pale brown), very loose, dry to moist, no odor, no staining, strong HCl reaction, caliche w/ small 3-5 cm thick moist intervals, max grain size 150 mm

Page 1 of 3 PID (ppmv) Lab Samples SPC (uS/cm) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥2000 ≥100

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

0

0

3680

565

333.2

36

<31

Date Started: DTW (ft bgs): 05-14-2024 Not Encountered INTERA Date Completed: Boring Depth (ft bgs): 05-14-2024 36.00 Drilling Method: Boring Diameter (in): Sonic LOG OF BORING: 4.00 Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3691.21 OCD Reed Estate Latitude**: Drilling Company: Talon LPE SB-02 33.001683 Driller: Longitude**: J. Tomayo -103.08293 Project #: Logged By: B. Williamson NMGSD.M005.OCD-REED1FY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description 0 233.7 <31 Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; few (5-10%) Gravel, fine to coarse grained, subrounded to subangular; 7.5YR 8/1 (white), very loose, dry, no odor, no staining, strong HCI reaction, max grain size 100 mm 0 232.2 <31 20 20 240.2 <31 3670 Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; trace (<5%) Clay; few (5-10%) Gravel, fine grained, subrounded to subangular; 7.5YR 8/2 (pinkish white), very loose, dry to moist, no odor, no staining, strong HCl reaction, caliche, mainly medium grain sand. slightly moist, max grain size 100 mm 413.5 31 Poorly Graded SAND with Gravel (SP), fine grained, subrounded; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; 10YR 8/1 (white), loose, dry, no odor, no staining, strong HCl reaction, powdery sand with chunks of well cemented caliche, max grain size 10 mm 25 25 0 364.1 31 Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded to subangular; some (30-45%) Gravel, 212 <31 fine to coarse grained, subrounded to angular; 10YR 8/1 (white), very loose, dry, no odor, no staining, strong HCl reaction, powdery sand w/ gravel, all caliche 224 31 30 30 Page 2 of 3 PID (ppmv) Lab Samples SPC (uS/cm) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥2000 ≥100

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, Σ TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, Σ BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

Project Name: OCD Reed Estate LOG OF BORING: SB-02

Driller:

Logged By:

Date Started: 05-14-2024 Date Completed: 05-14-2024 Drilling Method: Sonic

Sampling Method: Continuous Core Drilling Company: Talon LPE J. Tomayo B. Williamson

DTW (ft bgs): Boring Depth (ft bgs): Boring Diameter (in): Elevation (ft)*:

Latitude**:

Longitude**:

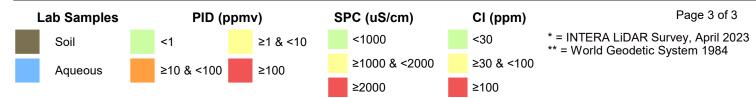
Not Encountered

36.00 4.00 3691.21 33.001683 -103.08293

Project #:

NMGSD.M005.OCD-REED1FY24

Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; trace (<5%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to angular; 7.5YR 8/2 (pinkish white), loose, dry, no odor, no staining, strong HCl reaction, strong cementation, gravel is pieces of well cemented caliche, max grain size 150 mm 3660 No recovery, driller thinks boring encountered a cavity Well-Graded SAND (SW), fine to coarse grained, subrounded to subangular; trace (<5%) Clay; trace (<5%) Gravel, fine grained, subrounded to subangular; 7.5YR 8/2 (pinkish white), very loose, dry, no odor, no staining, strong HCI 35 35 0 185 <31 SB-02 (34.5-36) Lab Results: $\sum TPH < 30 \text{ mg/kg}$, $\sum BTEX < 0.30 \text{ mg/kg}$, CI = 16.0 mg/kg



ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

Project Name: OCD Reed Estate Project #: NMGSD.M005.OCD-REED1FY24

LOG OF BORING: SB-03

Date Started: 05-15-2024 Date Completed: 05-15-2024 Drilling Method: Sonic

Sampling Method: Continuous Core Drilling Company: Talon LPE Driller: J. Tomayo Logged By: B. Williamson

DTW (ft bgs): Not Encountered Boring Depth (ft bgs): 35.00 Boring Diameter (in): 4.00 Elevation (ft)*: 3691.52 Latitude**: 33.001529 Longitude**: -103.082759

** = World Geodetic System 1984

Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology	Lithologic Description	Depth (ft bgs)
0 _ _ 3690 _		1	1048	42		Poorly Graded SAND with Gravel (SP), fine to coarse grained, subrounded to subangular; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; 10YR 8/4 (very pale brown), loose, dry, no odor, no staining, moderate HCl reaction, homogeneous sand w/ caliche	0
- -		0	880	42			-
- - -		0	679	36			-
		0	1053	36		Clayey SAND with Gravel (SC), fine to coarse grained, subrounded to subangular; some (30-45%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; 7.5YR 8/1 (white), loose, dry, no odor, no	 - - -
3680 		1	1117	36		staining, moderate HCl reaction, max grain size 40 mm SB-03 (10-12.5) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 32.0 mg/kg	 - -
		0	980	42			 - 1

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

≥2000

≥1000 & <2000

≥30 & <100

≥100

Aqueous

≥10 & <100

≥100

Lithologic Description Description Lithologic Description Description Lithologic Description Description Description No recovery Poorly Graded SAND with Gravel (SP), fine grained, subrounded; few (5-10%) Clay, little (15-25%) Gravel, fine to coarse grained, angular; flow (3-10%) Clay, little (15-25%) Gravel, fine to coarse grained, angular; flow (3-10%) Clay, little (15-25%) Gravel, fine to coarse grained, angular; flow (3-10%) Clay, little (15-25%) Gravel, fine to coarse grained, angular; flow (3-10%) Clay, little (15-25%) Gravel, fine to coarse grained, angular; flow (3-10%) Clay, little (15-25%) Gravel, fine to coarse grained, counted to subrounded: (10%) Clay, little (15-25%) Gravel, fine to coarse grained, counted to subrounded: (10%) Clay, little (15-25%) Gravel, fine to coarse grained, counted to subrounded: (10%) Clay, little (15-25%) Gravel, fine to coarse grained, counted to subrounded: (10%) Clay, little (15-25%) Gravel, fine to coarse grained, counted to subrounded: (10%) Clay, little (15-25%) Gravel, fine to coarse grained, coarse grained, subrounded: (10%) Clay, little (15-25%) Gravel, fine to coarse grained, coarse grained, subrounded: (10%) Clay, little (15-25%) Gravel, fine to coarse grained, coarse grained, subrounded: (10%) Clay, little (15-25%) Gravel, fine to coarse grained, coarse grained, subrounded: (10%) Clay, little (15-25%) Gravel, fine to coarse grained, coarse gr
20 — 20 No recovery — 20 Poorly Graded SAND with Gravel (SP), fine grained, subrounded; few (5-10%) Clay, little (15-25%) Gravel, fine to coarse grained, angular, 10YR 8/1 (white), loose, dry, no odor, no staining, strong HCl reaction, powdery sand with chunks of well cemented caliche, max grain size 85 mm Poorly Graded SAND with Gravel (SP), fine to coarse grained, subrounded to subangular; few (5-10%) Clay, little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Clay, little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Clay, little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Clay, little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Clay, little
20 No recovery Poorly Graded SAND with Gravel (SP), fine grained, subrounded; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, angular; 10YR 8/1 (white), loose, dry, no odor, no staining, strong HCl reaction, powdery sand with chunks of well cemented caliche, max grain size 85 mm Poorly Graded SAND with Gravel (SP), fine to coarse grained, subrounded to subangular; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded; 10YR 8/1 (white), very loose, dry, no odor, no
Poorly Graded SAND with Gravel (SP), fine grained, subrounded; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, angular; 10YR 8/1 (white), loose, dry, no odor, no staining, strong HCl reaction, powdery sand with chunks of well cemented caliche, max grain size 85 mm Poorly Graded SAND with Gravel (SP), fine to coarse grained, subrounded to subangular; few (5-10%) Clay; little Poorly Graded SAND with Gravel (SP), fine to coarse grained, subrounded to subangular; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, rounded to subangular; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, rounded to subrounded; 10YR 8/1 (white), very loose, dry, no odor, no
25 — 1 905 42 chunks of well cemented caliche, max grain size 85 mm — 25 — Poorly Graded SAND with Gravel (SP), fine to coarse grained, subrounded to subangular; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, rounded to subrounded; 10YR 8/1 (white), very loose, dry, no odor, no
25 — 1 905 42 Chunks of well cemented caliche, max grain size 85 mm — 25 — Poorly Graded SAND with Gravel (SP), fine to coarse grained, subrounded to subangular; few (5-10%) Clay; little (15-25%) Gravel, fine to coarse grained, rounded to subrounded; 10YR 8/1 (white), very loose, dry, no odor, no
(15-25%) Gravel, fine to coarse grained, rounded to subrounded; 10YR 8/1 (white), very loose, dry, no odor, no
30 30
Lab Samples PID (ppmv) SPC (uS/cm) CI (ppm) Page 2 of 3
Soil <1 ≥1 & <10 <1000
Aqueous ≥10 & <100 ≥100

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, Σ TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, Σ BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

Project Name:

OCD Reed Estate

Project #:

LOG OF BORING: SB-03

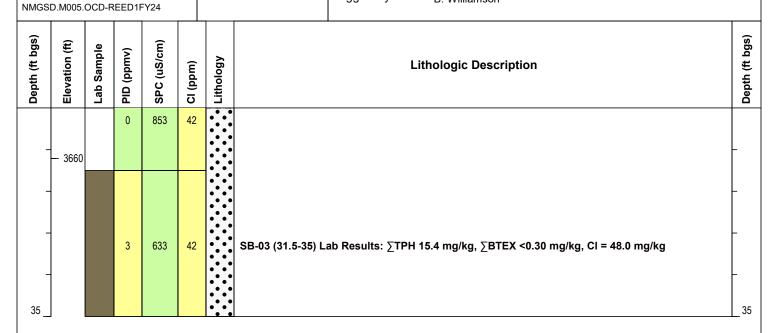
Date Started: 05-15-2024 Date Completed: 05-15-2024 Drilling Method:

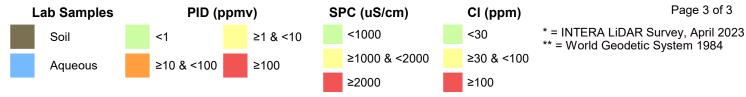
Driller:

Sonic Sampling Method: Continuous Core Drilling Company: Talon LPE J. Tomayo Logged By: B. Williamson

DTW (ft bgs): Boring Depth (ft bgs): Boring Diameter (in): Elevation (ft)*: Latitude**: Longitude**:

Not Encountered 35.00 4.00 3691.52 33.001529 -103.082759





ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

Received by OCD: 6/17/2024 10:07:06 AM Date Started: DTW (ft bgs): 05-22-2024 Not Encountered Date Completed: Boring Depth (ft bgs): 05-23-2024 24.00 Boring Diameter (in): Drilling Method: LOG OF BORING: Sonic 4.00 Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3694.16 OCD Reed Estate Latitude**: Drilling Company: Talon LPE **SB-04** 33.000962 Driller: Longitude**: J. Tomayo -103.08319 Project #: Logged By: B. Archuleta NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description 0

Depth (ft bgs) Well-Graded SAND (SW), fine to medium grained, few (5-10%) Silt; 7.5YR 3/4 (dark brown), medium dense, dry, no odor, no staining, weak HCl reaction, weak cementation, top soil with 20 mm caliche nodules; weak caliche 402.6 0 <31 Well-Graded SAND (SW), fine to medium grained, 7.5YR 8/3 (pink), medium dense, dry, no odor, no staining, strong HCl reaction, moderate cementation, nodular caliche; moderate caliche; dries chalky white 0 1650 71 SB-04 (2-4.5) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 304.0 mg/kg No recovery 5. -5 Well-Graded SAND (SW), fine to medium grained, 7.5YR 8/3 (pink), medium dense, dry, no odor, no staining, strong HCl reaction, moderate cementation, nodular caliche; moderate caliche; dries chalky white 0 899 36 10 10 - -10 0 638 42 0 260.3 <31 15

Page 1 of 2 PID (ppmv) Lab Samples SPC (uS/cm) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥2000 ≥100

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

Project Name: OCD Reed Estate LOG OF BORING: SB-04

Date Started: 05-22-2024 Date Completed: 05-23-2024 Drilling Method: Sonic

Driller:

Sampling Method: Continuous Core Drilling Company: Talon LPE J. Tomayo Logged By: B. Archuleta

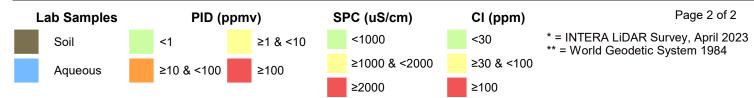
DTW (ft bgs): Not Encountered Boring Depth (ft bgs): Boring Diameter (in): Elevation (ft)*: Latitude**:

Longitude**:

24.00 4.00 3694.16 33.000962 -103.08319

Project #: NMGSD.M005.OCDREEDFY24

Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description Well-Graded SAND (SW), fine grained, subrounded; 7.5YR 8/2 (pinkish white), medium dense, dry, no odor, no <31 0 215.6 staining, strong HCl reaction, moderate cementation, mod to strong nodular caliche zone; nodules 5 mm to 20 mm; hard granular texture 0 350.7 <31 20 --- -20 20 257.2 <31 Well-Graded SAND (SW), fine grained, subrounded; 7.5YR 8/2 (pinkish white), medium dense, dry, no odor, no staining, strong HCl reaction, strong cementation, strong caliche with zones of hard cherty texture; pulverized 0 <31 257.9 cuttings; dries chalky white SB-04 (21-24) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 48.0 mg/kg



ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

-103.083225

Project Name: OCD Reed Estate Project #:

LOG OF BORING: **SB-06**

Date Started: 05-23-2024 Date Completed: 05-23-2024 Drilling Method: Sonic

Sampling Method: Continuous Core Drilling Company: Talon LPE Driller: J. Tomayo Logged By: B. Archuleta

DTW (ft bgs): Not Encountered Boring Depth (ft bgs): 17.00 Boring Diameter (in): 4.00 Elevation (ft)*: 3694.55 Latitude**: 33.000768 Longitude**:

** = World Geodetic System 1984

NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description 0 Well-Graded SAND (SW), fine to medium grained, few (5-10%) Silt; 7.5YR 3/4 (dark brown), medium dense, dry, no odor, no staining, weak HCl reaction, weak cementation, top soil with 20 mm caliche nodules; weak caliche 1 268.8 <31 Well-Graded SAND (SW), fine to medium grained, 7.5YR 8/3 (pink), medium dense, dry, no odor, no staining, strong HCl reaction, moderate cementation, nodular caliche; moderate caliche; dries chalky white 0 556 <31 3690 5. -5 1853 71 2476 109 10 10 Well-Graded SAND (SW), fine grained, subrounded; 7.5YR 8/2 (pinkish white), medium dense, dry, no odor, no staining, strong HCl reaction, moderate cementation, moderate to strong nodular caliche zone; nodules 5 mm to 20 mm; hard granular texture SB-06 (10-12.5) Lab Results: \(\subseteq TPH = 24.7 \) mg/kg, \(\subseteq BTEX < 0.30 \) mg/kg, \(CI = 560 \) mg/kg 6 2990 98 2 2059 98 3680 15 15 Page 1 of 2 CI (ppm) Lab Samples PID (ppmv) SPC (uS/cm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

≥2000

≥1000 & <2000

≥30 & <100

≥100

Aqueous

≥10 & <100

≥100

♠ INTERA

NMGSD.M005.OCDREEDFY24

Project Name: OCD Reed Estate

Project #:

LOG OF BORING:

SB-06

Date Started: 05-23-2024
Date Completed: 05-23-2024
Drilling Method: Sonic

Sampling Method: Continuous Core
Drilling Company: Talon LPE
Driller: J. Tomayo
Logged By: B. Archuleta

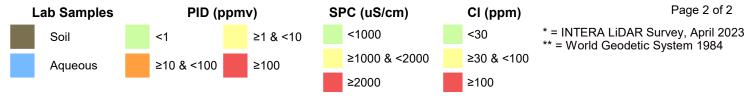
DTW (ft bgs):

Boring Depth (ft bgs):
Boring Diameter (in):
Elevation (ft)*:
Latitude**:

Longitude**:

Not Encountered 17.00 4.00 3694.55 33.000768 -103.083225

Depth (ft bgs)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology	Lithologic Description	Depth (ft bgs)	
_			1	781	42		SB-06 (15-17) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 144 mg/kg		



ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, Σ TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, Σ BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

NMGSD.M005.OCDREEDFY24

Project Name: OCD Reed Estate

Project #:

LOG OF BORING: SB-08

Date Started: 05-23-2024 Date Completed: 05-23-2024 Drilling Method: Sonic

Sampling Method: Continuous Core Drilling Company: Talon LPE Driller: J. Tomayo Logged By:

B. Archuleta

DTW (ft bgs): Boring Depth (ft bgs): Boring Diameter (in): Elevation (ft)*: Latitude**:

Not Encountered 20.00 4.00

3694.48 33.000563 Longitude**: -103.082866

** = World Geodetic System 1984

Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology	Lithologic Description	177
0		1	282	<31		Well-Graded SAND (SW), fine to medium grained, subrounded; few (5-10%) Silt; 7.5YR 3/4 (dark brown), dense, dry, no odor, no staining, weak HCl reaction, strong cementation, top soil with 20 mm caliche nodules; weak caliche	-
_ _ _ _ 3690		1	179.8	<31		Well-Graded SAND (SW), fine to medium grained, subrounded; 7.5YR 7/3 (pink), medium dense, dry, no odor, no staining, strong HCl reaction, moderate cementation, nodular caliche; moderate caliche; dries chalky white	-
5—		0	197.2	<31			_ {
-		0	186.2	<31			
_		0	133.2	<31	-		_
-		0	277	<31	_	SB-08 (11-13) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 16.0 mg/kg	-
- - 3680		0	187.4	<31			_

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

≥2000

≥1000 & <2000

≥30 & <100

≥100

Aqueous

≥10 & <100

≥100

NMGSD.M005.OCDREEDFY24

Project Name: OCD Reed Estate

Project #:

LOG OF BORING:

SB-08

Date Started: 05-23-2024 Date Completed: 05-23-2024 Drilling Method: Sonic

Sampling Method: Continuous Core Drilling Company: Talon LPE Driller: J. Tomayo Logged By: B. Archuleta

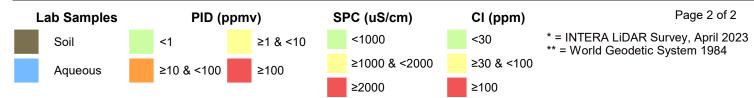
DTW (ft bgs): Boring Depth (ft bgs): Boring Diameter (in): Elevation (ft)*: Latitude**: 33.000563

Longitude**:

Not Encountered 20.00 4.00 3694.48

-103.082866

Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description Well-Graded SAND (SW), fine grained, subrounded to subangular; 7.5YR 8/2 (pinkish white), dense, dry, no odor, no staining, strong HCl reaction, strong cementation, strong caliche with zones of hard cherty texture; pulverized 0 172.9 <31 cuttings; dries chalky white 0 180.8 <31 SB-08 (18-20) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 32.0 mg/kg 20



ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

Date Started: DTW (ft bgs): 05-22-2024 Not Encountered Date Completed: Boring Depth (ft bgs): 05-22-2024 25.00 Drilling Method: Boring Diameter (in): LOG OF BORING: Sonic 4.00 Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3694.60 OCD Reed Estate Latitude**: Drilling Company: Talon LPE SB-10 33.000678 Driller: Longitude**: J. Tomayo -103.082733 Project #: Logged By: P. Gutierrez NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description 0 Well-Graded SAND (SW), fine to medium grained, subrounded; few (5-10%) Clay; medium dense, dry, no odor, no 0 staining, strong HCI reaction, moderate cementation, dark top soil with moderate caliche; small caliche nodules less 0 2456 88 Well-Graded SAND (SW), subrounded; 7.5YR 6/2 (pinkish gray), loose, dry, no odor, no staining, moderate HCl reaction, moderate cementation, pulverized caliche with some nodules and unbroken fragments up to 50 mm. 5341 297 3690 5. -5 2662 132 0 4527 158 Well-Graded SAND (SW), fine to medium grained, subrounded; 7.5YR 8/4 (pink), medium dense, dry, no odor, no staining, strong HCl reaction, moderate cementation, caliche with granular texture and caliche nodules 10 10 10910 420 SB-10 (9.5-12) Lab Results: Σ TPH <30 mg/kg, Σ BTEX <0.30 mg/kg, CI = 4560 mg/kg No recovery Well-Graded SAND (SW), fine to medium grained, subrounded; 7.5YR 8/4 (pink), medium dense, dry, no odor, no staining, strong HCl reaction, moderate cementation, caliche with granular texture and caliche nodules 3680 15 Page 1 of 2 Lab Samples PID (ppmv) SPC (uS/cm) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥2000 ≥100

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

AINTERA

NMGSD.M005.OCDREEDFY24

Project Name: OCD Reed Estate

Project #:

LOG OF BORING:

SB-10

Date Started: 05-22-2024
Date Completed: 05-22-2024
Drilling Method: Sonic

Sampling Method: Continuous Core
Drilling Company: Talon LPE
Driller: J. Tomayo
Logged By: P. Gutierrez

DTW (ft bgs): Not Encountered
Boring Depth (ft bgs): 25.00
Boring Diameter (in): 4.00

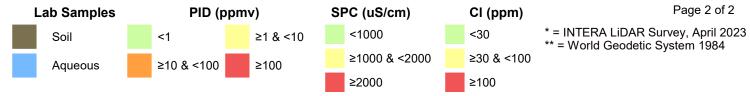
Boring Diameter (in): 4.00

Elevation (ft)*: 3694.60

Latitude**: 33.000678

-103.082733

Depth (ft bgs) Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology	Lithologic Description	Depth (ft bgs)
		1	8933	392			
-		0	1915	98		Well-Graded SAND (SW), fine grained, subrounded; 7.5YR 7/2 (pinkish gray), dry, no odor, no staining, moderate HCl reaction, strong cementation, moderately hard caliche rock with moderate granular texture; pulverized zones of powdery cuttings which dry a powdery white.	_ - -
_ _ _ 20 —		0	984	71		Well-Graded SAND (SW), fine grained, subrounded; 7.5YR 7/2 (pinkish gray), dry, no odor, no staining, moderate HCl reaction, strong cementation, hard caliche rock with cherty texture with concoidal breaks; several chunks of whole core up to 3"; pulverizes into dry white powdery material.	-20
-		1	400.2	42		Well-Graded SAND (SW), fine to medium grained, subrounded; few (5-10%) Clay; 10YR 7/2 (light gray), no odor, no staining, moderate HCl reaction, moderate cementation, saturated with drilling fluid; sandy caliche; mostly pulverized	<u>+</u> -
- - - 25 - 3670		0	361.5	<31		Clayey SAND (SC), fine to medium grained, subrounded; 7.5YR 7/1 (light gray), loose, no staining, strong HCl reaction, moderate cementation; saturated from drilling fluids; mostly pulverized with 9 mm nodules SB-10 (23-25) Lab Results: ∑TPH = 16.8 mg/kg, ∑BTEX <0.30 mg/kg, CI = 48.0 mg/kg	25



ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, Σ TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, Σ BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

15

Date Started: DTW (ft bgs): 05-18-2024 Not Encountered INTERA Date Completed: 05-18-2024 Boring Depth (ft bgs): 35 Drilling Method: Boring Diameter (in): Sonic LOG OF BORING: 4.00 Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3693.92 OCD Reed Estate Latitude**: Drilling Company: Talon LPE **SB-14** 33.000825 Driller: Longitude**: J. Tomayo -103.082673 Project #: Logged By: H. Manlove NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description 0 0 Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; few (5-10%) Clay; some (30-45%) Gravel, fine to coarse grained, subangular; 7.5YR 5/3 (brown), loose, organic odor, moderate HCl reaction 1 6356 145 Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; trace (<5%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; 10YR 8/1 (white), very loose, moderate HCl reaction, powdery caliche 0 5033 204 3690 5. -5 Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; trace (<5%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Cobbles, subrounded; 10YR 8/1 (white), very loose, moderate HCl reaction 0 7631 297 SB-14 (5-7) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 2560 mg/kg Well-Graded SAND with Gravel (SW), fine to medium grained, subrounded to subangular; trace (<5%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Cobbles, subrounded; 10YR 7/2 (light gray) to 10YR 8/1 (white), very loose, moderate HCl reaction Bottom 1 ft = Poorly-Graded SAND (SP) 5 6673 257 Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; trace (<5%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Cobbles, subrounded; 10YR 8/1 10 10 (white) to 10YR 8/2 (very pale brown / very pale orange), very loose, moderate HCl reaction 0 7400 145 Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; little (15-25%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; few (5-10%) Cobbles, subrounded to

Page 1 of 3 Lab Samples PID (ppmv) SPC (uS/cm) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥100 ≥2000

subangular; 10YR 5/1 (gray) to 10YR 8/1 (white), very loose, moderate HCl reaction, caliche cobbles w/ clay

Well-Graded GRAVEL with Clay and Sand (GW-GC), fine to coarse grained, subrounded to subangular; little (15-25%) Clay; little (15-25%) Sand, fine to medium grained, subrounded to subangular; few (5-10%) Cobbles, subrounded to subangular; 10YR 8/1 (white) and 10YR 8/2 (very pale brown / very pale orange), very loose,

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

2

3680

15

4182

109

Date Started: DTW (ft bgs): 05-18-2024 Not Encountered INTERA Boring Depth (ft bgs): Date Completed: 05-18-2024 35 Drilling Method: Boring Diameter (in): LOG OF BORING: Sonic 4.00 Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3693.92 OCD Reed Estate Latitude**: Drilling Company: Talon LPE SB-14 33.000825 Driller: Longitude**: J. Tomayo -103.082673 Project #: Logged By: H. Manlove NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description moderate HCl reaction, caliche cobbles w/ clay 313.5 31 Well-Graded GRAVEL with Clay and Sand (GW-GC), fine to coarse grained, subrounded to subangular; little (15-25%) Clay; little (15-25%) Sand, fine to medium grained, subrounded to subangular; few (5-10%) Cobbles, subrounded to subangular; 10YR 8/1 (white) and 10YR 5/1 (gray), very loose, moderate HCl reaction, caliche 0 263.6 <31 0 239.2 <31 20 20 Well-Graded GRAVEL with Sand (GW), fine to coarse grained, subangular; trace (<5%) Clay; little (15-25%) Sand, fine to medium grained, subrounded; some (30-45%) Cobbles, subrounded to subangular; 10YR 8/1 (white) and 10YR 6/3 (pale brown), very loose, moderate HCl reaction 0 225.7 <31 0 Ö Poorly Graded SAND with Clay (SP-SC), fine to medium grained, subrounded to subangular; some (30-45%) Clay; few (5-10%) Gravel, coarse grained, subangular; 7.5YR 5/1 (gray) and 7.5YR 7/2 (pinkish gray), medium dense, moderate HCl reaction, dense clayey sand to powder w/ caliche 350.3 <31 3670 Poorly Graded GRAVEL with Sand (GP), fine to coarse grained, subangular; trace (<5%) Clay; little (15-25%) Sand, fine to medium grained, subrounded; some (30-45%) Cobbles, subrounded to subangular; 10YR 8/1 (white) and 25 25 10YR 6/3 (pale brown), very loose, moderate HCl reaction 0 267.7 <31 Poorly Graded GRAVEL with Sand (GP), fine to coarse grained, subangular; trace (<5%) Clay; some (30-45%) Sand, fine to medium grained, subrounded; some (30-45%) Cobbles, subrounded to subangular; 10YR 8/1 (white) and 10YR 6/3 (pale brown), very loose, chemical odor, moderate HCl reaction 0 212.9 <31 Poorly Graded GRAVEL with Sand (GP), fine to coarse grained, subangular; trace (<5%) Clay; some (30-45%) Sand, fine to medium grained, subrounded; some (30-45%) Cobbles, subrounded to subangular; 10YR 8/1 (white) and 10YR 6/3 (pale brown), very loose, moderate HCl reaction, calcite cobbles, ground to fine powder by drill 30 Page 2 of 3 Lab Samples PID (ppmv) SPC (uS/cm) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥2000 ≥100

-103.082673

Project Name: OCD Reed Estate Project #:

NMGSD.M005.OCDREEDFY24

LOG OF BORING:

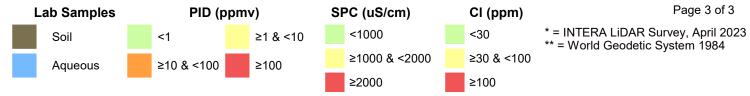
SB-14

Date Started: 05-18-2024 Date Completed: 05-18-2024 Drilling Method: Sonic

Sampling Method: Continuous Core Drilling Company: Talon LPE Driller: J. Tomayo Logged By: H. Manlove

DTW (ft bgs): Not Encountered Boring Depth (ft bgs): 35 Boring Diameter (in): 4.00 Elevation (ft)*: 3693.92 Latitude**: 33.000825 Longitude**:

Depth (ft bgs)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology	Lithologic Description					
_			1	270.3	<31			_				
-	— 3660		2	217.4	<31		Poorly Graded GRAVEL with Sand (GP), fine to coarse grained, subangular; trace (<5%) Clay; some (30-45%) Sand, fine to medium grained, subrounded; some (30-45%) Cobbles, subrounded to subangular; 10YR 8/1 (white) and 10YR 6/3 (pale brown), very loose, moderate HCl reaction, calcite cobbles	-				
35 —	0000		0	280.5	<31		Clayey SAND with Gravel (SC), fine to coarse grained, subrounded to subangular; some (30-45%) Clay; few (5-10%) Gravel, medium to coarse grained, subrounded to subangular; subrounded to subangular; 10YR 7/3 (very pale brown) and 10YR 6/2 (light brownish gray / pale yellowish brown), very loose, chemical odor, moderate HCl reaction SB-14 (34-35) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 48.0 mg/kg	— 35				



Date Started: DTW (ft bgs): 05-20-2024 Not Encountered INTERA Date Completed: Boring Depth (ft bgs): 05-20-2024 33 Drilling Method: Boring Diameter (in): Sonic LOG OF BORING: Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3694.31 OCD Reed Estate Latitude**: Drilling Company: Talon LPE SB-15 33.000902 Driller: Longitude**: J. Tomayo -103.082952 Project #: Logged By: H. Manlove NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample (bbmv) CI (ppm) Lithology Lithologic Description 吕 0 0 Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; few (5-10%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 10YR 8/3 (very pale brown), very loose, hydrocarbon odor, moderate HCl reaction 5410 204 1 Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; few (5-10%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 10YR 8/3 (very pale brown), very loose, hydrocarbon odor, moderate HCl reaction 0 5178 204 3690 5. -5 Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; trace (<5%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 7.5YR 7/4 (pink), very loose, moderate HCl reaction, 0 5348 221 Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; few (5-10%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 7.5YR 7/4 (pink) and 10YR 5/3 (brown), very loose, moderate HCl reaction, caliche w/ grey-brown clay at top 6 7742 319 SB-15 (7.5-10) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 1880 mg/kg 10 10 Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded to subangular; little (15-25%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular, 7.5YR 7/4 (pink) to 10YR 8/1 (white), very loose, hydrocarbon odor, moderate HCl reaction, light brown clay in bottom 0.5 ft 1 971 42 Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded to subangular; trace (<5%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 7.5YR 7/3 (pink) and 10YR 8/1 (white), very loose, moderate HCI reaction, caliche cobbles 958 1 31 3680 15 15 Page 1 of 3 PID (ppmv) SPC (uS/cm) Lab Samples CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥100 ≥2000

Date Started: DTW (ft bgs): 05-20-2024 Not Encountered INTERA Date Completed: 05-20-2024 Boring Depth (ft bgs): 33 Drilling Method: Boring Diameter (in): Sonic LOG OF BORING: Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3694.31 OCD Reed Estate Latitude**: Drilling Company: Talon LPE SB-15 33.000902 Driller: Longitude**: J. Tomayo -103.082952 Project #: Logged By: H. Manlove NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded to subangular; trace (<5%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 10YR 8/3 (very pale brown) and 10YR 8/1 (white), very loose, moderate HCl reaction, caliche cobbles 1 1082 31 Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded to subangular; few (5-10%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 10YR 8/3 (very pale brown) and 10YR 8/1 (white), very loose, moderate HCl reaction, increasing clay w/ depth 0 769 42 20 20 Clavey SAND with Gravel (SC), fine to medium grained, subrounded; trace (<5%) Gravel, medium to coarse grained, subrounded to subangular; 10YR 8/3 (very pale brown), medium dense, weak HCl reaction 0 42 473 Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded to subangular; few (5-10%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 10YR 8/3 (very pale brown) and 10YR 8/1 (white), very loose, weak HCl reaction, silicified calcite in bottom 0.5 ft 0 478 31 3670 25 Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded to subangular; little (15-25%) Clay; few (5-10%) Gravel, coarse grained, subangular; 10YR 8/1 (white) and 10YR 6/3 (pale brown), very loose, moderate HCl reaction, caliche ground to powder, more brown clay top 0.5 ft 0 272.4 31 No recovery Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; little (15-25%) Clay; little (15-25%) Gravel, medium to coarse grained, subrounded to subangular; 7.5YR 6/4 (light brown) and 10YR 8/1 (white), medium dense, weak HCl reaction, calcite and powder w/ clay, large silicified calcite boulder <31 182.3 30

Page 2 of 3 **Lab Samples** SPC (uS/cm) PID (ppmv) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥2000 ≥100

AINTERA

NMGSD.M005.OCDREEDFY24

Project Name: OCD Reed Estate

Project #:

LOG OF BORING:

SB-15

Date Started: 05-20-2024
Date Completed: 05-20-2024
Drilling Method: Sonic

Sampling Method: Continuous Core
Drilling Company: Talon LPE
Driller: J. Tomayo

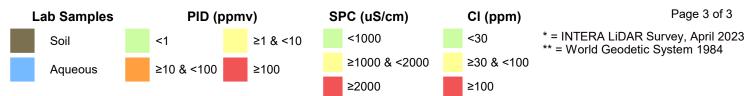
H. Manlove

DTW (ft bgs): Not Encountered
Boring Depth (ft bgs): 33
Boring Diameter (in): 4

Boring Diameter (in): 4
Elevation (ft)*: 3694.31
Latitude**: 33.000902
Longitude**: -103.082952

Depth (ft bgs)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology	Lithologic Description					
_			0	177.1	<31		Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; little (15-25%) Clay; some (30-45%) Gravel, medium to coarse grained, subangular; 7.5YR 6/4 (light brown) and 10YR 8/1 (white), medium dense, weak HCl reaction, calcite and powder w/ clay SB-15 (30.5-33) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 32.0 mg/kg	-				

Logged By:



Project Name: OCD Reed Estate

Project #:

LOG OF BORING:

SB-16

Date Started: 05-19-2024 Date Completed: 05-19-2024 Drilling Method: Sonic

Logged By:

Sampling Method: Continuous Core Drilling Company: Talon LPE Driller: J. Tomayo

DTW (ft bgs): Boring Depth (ft bgs): 36 Boring Diameter (in): 4.00 Elevation (ft)*: Latitude**: Longitude**:

Not Encountered

3694.65 33.000798 -103.082793

* = INTERA LiDAR Survey, April 2023

** = World Geodetic System 1984

(-6:)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology	Lithologic Description	Donth (# has)
0 -			0	1280	36		Poorly Graded SAND with Gravel (SP), fine to medium grained, subangular; few (5-10%) Clay; little (15-25%) Gravel, medium to coarse grained, subangular; 10YR 4/4 (dark yellowish brown), very loose, weak HCl reaction Well-Graded GRAVEL with Sand (GW), fine to coarse grained, subangular; trace (<5%) Clay; little (15-25%) Sand, fine to medium grained, subrounded; 10YR 6/2 (light brownish gray / pale yellowish brown), very loose, moderate HCl reaction	0
	3690		0	2834	109		Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; trace (<5%) Clay; some (30-45%) Gravel, medium to coarse grained; 7.5YR 7/2 (pinkish gray), very loose, hydrocarbon odor, moderate HCl reaction, caliche	_
			0	1012	42		Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; trace (<5%) Clay; little (15-25%) Gravel, medium to coarse grained, subangular; 7.5YR 6/6 (reddish yellow), very loose, hydrocarbon odor, moderate HCl reaction, caliche.	-
_			0	407.5	<31		Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; trace (<5%) Clay; little (15-25%) Gravel, medium to coarse grained, subangular; 10YR 8/1 (white), very loose, hydrocarbon odor, moderate HCl reaction, caliche. Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; trace (<5%) Clay; some (30-45%) Gravel, medium to coarse grained; 10YR 8/1 (white) and 7.5YR 6/8 (reddish yellow), very loose, hydrocarbon odor, moderate HCl reaction	_
-			5	940	<31	(!/!/	Clayey SAND with Gravel (SC), fine to medium grained, subrounded; few (5-10%) Gravel, medium to coarse grained, subrounded to subangular; 7.5YR 3/2 (dark brown), loose, hydrocarbon odor, moderate HCl reaction	
_			1	555	<31		Poorly Graded GRAVEL with Sand (GP), medium to coarse grained, subangular; trace (<5%) Clay; some (30-45%) Sand, fine to medium grained, subrounded to subangular; 10YR 8/1 (white), very loose, moderate HCl reaction, caliche	_
			1	476	<31		Poorly Graded SAND with Gravel and Clay (SP), fine to medium grained, subrounded; little (15-25%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 10YR 8/1 (white) and 7.5YR 8/2 (pinkish white), loose, moderate HCl reaction, caliche	
	3680		4	742	<31		Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; trace (<5%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 10YR 8/3 (very pale brown) to 10YR 8/1 (white), very loose, moderate HCl reaction, caliche	-

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, ∑BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

≥1000 & <2000

<1000

≥2000

<30

≥100

≥30 & <100

≥1 & <10

≥100

<1

≥10 & <100

Soil

Aqueous

Date Started: DTW (ft bgs): 05-19-2024 Not Encountered INTERA Date Completed: Boring Depth (ft bgs): 05-19-2024 36 Drilling Method: Boring Diameter (in): LOG OF BORING: Sonic 4.00 Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3694.65 OCD Reed Estate Latitude**: Drilling Company: Talon LPE SB-16 33.000798 Driller: Longitude**: J. Tomayo -103.082793 Project #: Logged By: H. Manlove NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample (bbmv) CI (ppm) Lithology Lithologic Description 8 Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; few (5-10%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 10YR 8/1 (white) and 10YR 7/2 (light gray), very loose, hydrocarbon odor, moderate HCl reaction, caliche 38 587 <31 Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; few (5-10%) Clay; some (30-45%) Gravel, medium to coarse grained, subrounded to subangular; 10YR 8/1 (white) and 10YR 7/2 (light gray), very loose, moderate HCl reaction, caliche 0 683 31 20 20 35 3313 <31 SB-16 (20.5-23) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 48.0 mg/kg Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; few (5-10%) Clay; little (15-25%) Gravel, medium to coarse grained, subrounded to subangular; 10YR 8/1 (white), very loose, moderate HCl reaction, caliche cobbles 254.6 <31 3670 25 25 Poorly Graded GRAVEL with Sand and Clay (GP), medium to coarse grained, subangular; little (15-25%) Clay; little (15-25%) Sand, medium grained, subrounded; 7.5YR 6/3 (light brown), medium dense, moderate HCl reaction, silicified calcite w/ sandy clay 299.9 <31 Poorly Graded GRAVEL with Sand (GP), medium to coarse grained, subangular; little (15-25%) Clay; little (15-25%) Sand, medium grained, subrounded; 7.5YR 6/3 (light brown), medium dense, no HCl reaction, silicified calcite w/ sandy clay 0 264 4 <31 30 30 Page 2 of 3 **Lab Samples** SPC (uS/cm) PID (ppmv) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥100 ≥2000

INTERA

Project Name: OCD Reed Estate

NMGSD.M005.OCDREEDFY24

Project #:

LOG OF BORING:

SB-16

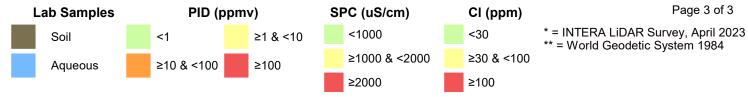
Date Started: 05-19-2024
Date Completed: 05-19-2024
Drilling Method: Sonic

Sampling Method: Continuous Core
Drilling Company: Talon LPE
Driller: J. Tomayo
Logged By: H. Manlove

DTW (ft bgs): Not Encountered Boring Depth (ft bgs): 36
Boring Diameter (in): 4.00

Boring Diameter (in): 4.00
Elevation (ft)*: 3694.65
Latitude**: 33.000798
Longitude**: -103.082793

Depth (ft bgs)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology	Lithologic Description				
_			5	204.5	<31		Poorly Graded GRAVEL with Sand (GP), medium to coarse grained, subangular; little (15-25%) Clay; little (15-25%) Sand, medium grained, subrounded; 7.5YR 6/3 (light brown), medium dense, chemical odor, no HCl reaction, silicified calcite w/ sandy clay	_			
_			0	183.5	<31		Clayey SAND with Gravel (SC), fine to medium grained, subrounded; trace (<5%) Gravel, medium to coarse grained, subangular; 7.5YR 7/2 (pinkish gray), medium dense, moderate HCl reaction	_			
35 —	— 3660 —		0	192.6	<31		Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; few (5-10%) Clay; little (15-25%) Gravel, medium to coarse grained, subrounded to subangular; 7.5YR 8/3 (pink), very loose, moderate HCl reaction, calcite cobbles SB-16 (34-36) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 32.0 mg/kg	- 35			



OCD R	t Name	e: ate		ER 2	A	LOG	OF BORING: SB-17	Date Completed: 05-2 Drilling Method: Son Sampling Method: Con Drilling Company: Talc Driller: J. T	22-2024 ic itinuous Core on LPE	DTW (ft bgs): Boring Depth (ft bgs): Boring Diameter (in): Elevation (ft)*: Latitude**: Longitude**:	Not Encountered 44 4.00 3694.64 33.000621 -103.082915	
Depth (ft bgs)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology		Litholog	gic Descriptior	1	Depth (ft bgs)	
0 -							No recovery Well-Graded SAND (15-25%) Gravel. fir	with Gravel (SW), fine to coars	se grained, subrounc ngular: 7.5YR 4/3 (b	ded to subangular; few (5-10%) Prown), medium dense, dry, no o	Clay; little	
5—	— 3690		1	3797	120		staining, moderate h	HCI reaction	igulai, 7.0111 470 (C	iowny, mediani dense, dry, no v	- - -5	
-			3	6274	145	_					-	
10 —	-		1	13470	450		SB-17 (7.5-10) La	b Results: ∑TPH <30 mg/	kg, ∑BTEX <0.36	0 mg/kg, Cl = 4100 mg/kg	- 10	
- - 15	— 3680					××××××××××××××××××××××××××××××××××××××	No recovery				- - - 15	
	Lab Samples					PID (ppmv) SPC (uS/cm) CI (ppm)						
	Soil Aque	ous		<1 ≥1	0 & <	:100	≥1 & <10 ≥100	<1000 ≥1000 & <2000 ≥2000	<30 ≥30 & <100 ≥100	* = INTERA LiDAR S ** = World Geodetic)	Survey, April 2023 System 1984	

OCD R	ct Name	e: ate		(24	Δ	Date Completed: 05-22-2024 Drilling Method: Sonic Sampling Method: Continuous Core Drilling Company: Talon LPE Drilling: Talon LPE Latitude**: 33.00									
Depth (ft bgs)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithologic Description									
-			0	7834	257	X	(15-25%) Gravel, fir medium dense, dry,	ne to coarse grained, subro , no odor, no staining, stron	ounded to subangular; ng HCl reaction, max g	unded to subangular; few (5-10%) 10YR 5/2 (grayish brown) to 10Yf rain size 25 mm 0.30 mg/kg, CI = 1950 mg/k	R 8/1 (white),				
20 —	_						Not logged; resumed drilling on 5/21/2024 where driller tagged bottom of borehole at 21 ft bgs. Poorly-Graded SAND (SP), fine grained, subrounded; 2.5YR 6/3 (light reddish brown), medium dense, dry, no odor, no staining, strong HCl reaction, moderate cementation, caliche soil; with caliche nodules 2-10 mm and some up to								
_			1	888	31		Clayey SAND (SC), sand; wet likey due	to drilling fluids; dark stainii	edium dense, strong H ng with odor (possibly	CI reaction, weak cementation, graphydrocarbon). <0.30 mg/kg, CI = 480 mg/l					
25 — _	— 3670		4	361	31		no odor, no staining		erate cementation, mo	7.5YR 8/2 (pinkish white), medium oderate to strong caliche; mostly p					
30	_		3	334.7	<31			trong HCl reaction, strong c		6/3 (light reddish brown), very de ng caliche; lots of stick rock; some					
	Lab Samples						PID (ppmv) SPC (uS/cm) CI (ppm) Pag								
	Soil Aque	eous	ı		0 & <	PID (ppmv) SPC (uS/cm) CI (ppm) Page 2 ≥1 & <10									

INTERA

NMGSD.M005.OCDREEDFY24

Project Name: OCD Reed Estate

Project #:

LOG OF BORING:

SB-17

Date Started: 05-15-2024
Date Completed: 05-22-2024
Drilling Method: Sonic

Logged By:

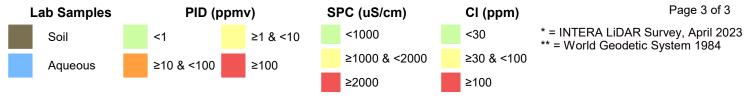
Sampling Method: Continuous Core
Drilling Company: Talon LPE
Driller: J. Tomayo

B. Williamson

DTW (ft bgs): Not Encountered
Boring Depth (ft bgs): 44
Boring Diameter (in): 4.00

Boring Diameter (in): 4.00
Elevation (ft)*: 3694.64
Latitude**: 33.000621
Longitude**: -103.082915

Depth (ft bgs)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithologic Description					
_			1	160.7	<31		-				
_			0	136.5	<31		-				
35 —	- 3660		0	128.5	<31		- 35				
-			1	262.5	<31	Well-Graded SAND (SW), fine grained, subrounded to subangular; 7.5YR 8/2 (pinkish white), medium dense, dry, no odor, no staining, strong HCl reaction, moderate cementation, moderate to strong caliche; mostly pulverized powdery material with some intact conchoidal fragments.	_				
40 —	-		1	243.6	<31		- 40				
-			9	239.2	<31	SB-17 (41-44) Lab Results: ∑TPH = 72.4 mg/kg, ∑BTEX <0.30 mg/kg, CI = 48.0 mg/kg Poorly Graded SAND (SP), fine grained, subrounded; 7.5YR 5/4 (brown), dry, strong HCl reaction, weak cementation, soily texture with weak to moderate caliche; some caliche nodules 5-20 mm; staining with an odor. Note: PID reading of 9 ppm; not sure if this is drilling related or contamination; may want to return to this borehole and extend.	- - -				



AINTERA

Project Name: OCD Reed Estate

Project #:

LOG OF BORING:

SB-18

Date Started: 05-16-2024
Date Completed: 05-17-2024
Drilling Method: Sonic

Sampling Method: Continuous Core
Drilling Company: Talon LPE
Driller: J. Tomayo
Logged By: B. Williamson

DTW (ft bgs): Soring Depth (ft bgs): Boring Diameter (in): Elevation (ft)*: Latitude**:

Longitude**:

Not Encountered

36 4.00 3694.85 33.000628 -103.082983

NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description 0 Well-Graded SAND with Gravel (SW), fine to medium grained, subrounded to subangular; some (30-45%) Sand, fine to medium grained, subrounded to subangular; little (15-25%) Gravel, medium to coarse grained, subrounded to subangular; 7.5 YR 8/3, medium dense, dry, no odor, no staining, moderate HCl reaction 0 525 42 0 579 <31 3690 -5 0 602 <31 0 700 31 10 - 10 0 1262 <31 0 470 <31 3680 Page 1 of 3 SPC (uS/cm) Lab Samples PID (ppmv) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 Soil <1 ≥1 & <10 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, CI = chlorides, ppm = parts per million, HCI = hydrochloric acid, Σ TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, Σ BTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

≥100

≥2000

OCD R	ct Name	e: ate		ER 2	A	LOG	OF BORING: SB-18	Date Completed: 05-17 Drilling Method: Sonic Sampling Method: Conti Drilling Company: Talon Driller: J. Tol	7-2024 c Inuous Core Inuous Core	DTW (ft bgs): Boring Depth (ft bgs): Boring Diameter (in): Elevation (ft)*: Latitude**: Longitude**:	Not Encountered 36 4.00 3694.85 33.000628 -103.082983	d		
Depth (ft bgs)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology	Lithologic Description Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded; few (5-10%) Clay; few (5-10%) Gravel,							
-			0	739	<31		course grained, sub	ND with Gravel (SP), fine to mediu prounded; 10YR 8/1 (white), loose Lab Results: ∑TPH = 13.4 m	e, dry, moderate HC	CI reaction	-			
- 20 —	_		0	574	<31						-	20		
- - - 25 —	.— 3670		0	491	<31									
-			0	338	<31						_			
30			0	365	<31		Clay; little (15-25%)	O with Clay and Gravel (SW-SC), 1) Gravel, fine to coarse grained, si 6/1 (gray), medium dense, dry, no	ubrounded to subar	ngular; trace (<5%) Cobbles, s	ubrounded to ain size 50	30		
La	Lab Samples						pmv)	SPC (uS/cm)	CI (ppm)		Page 2 of 3			
	Soil	* INTERALIBATION						Survey, April 202 System 1984	:3					

INTERA

Project Name: OCD Reed Estate

Project #:

LOG OF BORING:

SB-18

Date Started: 05-16-2024
Date Completed: 05-17-2024
Drilling Method: Sonic

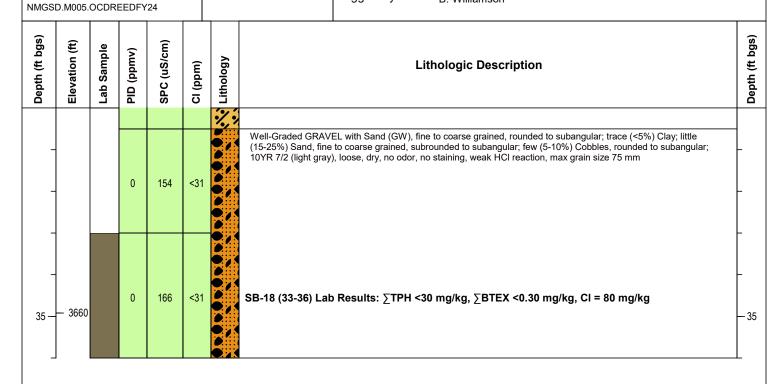
Sampling Method: Continuous Core
Drilling Company: Talon LPE
Driller: J. Tomayo
Logged By: B. Williamson

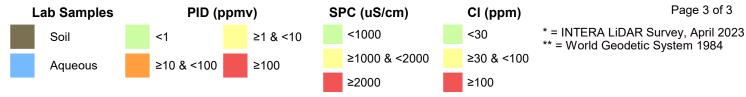
DTW (ft bgs): Not Encountered
Boring Depth (ft bgs): 36
Boring Diameter (in): 4.00
Elevation (ft)*: 3604.85

Latitude**:

Longitude**:

4.00 3694.85 33.000628 -103.082983





Date Started: DTW (ft bgs): 05-18-2024 Not Encountered INTERA Date Completed: 05-19-2024 Boring Depth (ft bgs): 37 Drilling Method: Boring Diameter (in): Sonic LOG OF BORING: 4.00 Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3694.7 OCD Reed Estate Latitude**: Drilling Company: Talon LPE SB-19 33.00081 Driller: Longitude**: J. Tomayo -103.082932 Project #: Logged By: H. Manlove NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample (bbmv) CI (ppm) Lithology Lithologic Description 吕 0 0 Sandy LEAN CLAY (CL), low plasticity; some (30-45%) Sand, fine to medium grained, subrounded; few (5-10%) Gravel, medium to coarse grained, subrounded; 10YR 3/3 (dark brown), soft, moist, moderate HCl reaction 0 2789 48 Well-Graded SAND with Clay and Gravel (SW-SC), fine to coarse grained, subrounded to subangular; little (15-25%) Clay; some (30-45%) Gravel, fine to coarse grained, subrounded to subangular; 7.5YR 7/3 (pink), very loose, moderate HCl reaction, caliche 0 5084 109 3690 5. -5 Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; trace (<5%) Clay; some (30-45%) Gravel, fine to coarse grained, subrounded to subangular; trace (<5%) Cobbles, subangular; 7.5YR 7/3 (pink) to 10YR 8/1 (white), very loose, moderate HCl reaction, caliche 17443 482 Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; trace (<5%) Clay; some (30-45%) Gravel, fine to coarse grained, subrounded to subangular; trace (<5%) Cobbles, subangular; 10YR 8/1 (white) and 10YR 6/2 (light brownish gray / pale yellowish brown), very loose, caliche 17935 556 10 10 Poorly Graded SAND with Clay and Gravel (SP-SC), fine to medium grained, subrounded to subangular; some (30-45%) Clay; some (30-45%) Gravel, fine to coarse grained, subrounded to subangular; 7.5YR 7/4 (pink) and 7.5YR 7/1 (light gray), very loose 20203 556 Poorly Graded SAND with Clay and Gravel (SP-SC), fine to medium grained, subrounded to subangular; some (30-45%) Clay; some (30-45%) Gravel, fine to coarse grained, subrounded to subangular; 7.5YR 7/4 (pink) and 7.5YR 3/1 (very dark gray), very loose, moderate HCl reaction 0 33240 >646 SB-19 (12-14) Lab Results: ∑TPH = 23.2 mg/kg, ∑BTEX <0.30 mg/kg, Cl = 11600 mg/kg Poorly Graded SAND with Gravel (SP), fine to medium grained, subrounded to subangular; few (5-10%) Clay; some (30-45%) Gravel, fine to coarse grained, subrounded to subangular; 10YR 8/1 (white) and 10YR 5/4 (yellowish brown / moderate yellowish brown), very loose, hydrocarbon odor, moderate HCI reaction 3680 15 Page 1 of 3 Lab Samples PID (ppmv) SPC (uS/cm) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥2000 ≥100

OCD R	t Name	e: ate		24	Δ	LOG	OF BORING: SB-19	Date Completed: (Drilling Method: Sampling Method: Orilling Company: Driller:		DTW (ft bgs): Boring Depth (ft bgs): Boring Diameter (in): Elevation (ft)*: Latitude**: Longitude**:	Not Encountered 37 4.00 3694.7 33.00081 -103.082932				
Depth (ft bgs)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology		Litho	Lithologic Description						
			3	15154	482										
-			0	3008	88			D with Gravel (SP), fine to named, subangular; 10YR 6		ounded; few (5-10%) Clay; few (5 HCl reaction	i-10%) Gravel,				
-	-		0	9326	297	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(30-45%) Clay; little		to coarse grained, sub	ained, subrounded to subangular pangular; 10YR 5/1 (gray) and 10'	YR 8/3 (very				
20 —			0	2870	79		coarse grained, sub	/ell-Graded SAND with Gravel (SW), fine to coarse grained, trace (<5%) Clay; little (15-25%) Gravel, medium to parse grained, subrounded to subangular; 10YR 8/3 (very pale brown) and 10YR 8/1 (white), very loose, moderate CI reaction, caliche gravel							
-			1	2507	109			rounded to subangular; 10\		<5%) Clay; little (15-25%) Gravel, n) and 7.5YR 7/2 (pinkish gray),					
- 25 —	— 3670		0	1551	63			D with Gravel (SP), fine to I		ounded; little (15-25%) Cobbles, und up powdered calcite	subrounded to				
-			0	222.4	<31			D with Gravel (SP), fine to		ounded; little (15-25%) Cobbles, and up powdered calcite	subrounded to				
_			0	248.5	<31		Well-Graded SAND with Gravel (SW), fine to coarse grained, subrounded to subangular; little (15-25%) Clay; little (15-25%) Gravel, medium to coarse grained, subangular; some (30-45%) Cobbles, subangular; 10YR 8/1 (white) and 7.5YR 7/3 (pink), loose, hydrocarbon odor, moderate HCl reaction, calcite cobbles								
30	_					X	No recovery				30				
	ab Sa	mple	s		P	ID (p	pmv)	SPC (uS/cm)	CI (ppm)	Page 2 of 3				
	Soil			<1			≥1 & <10	<1000	<30	* = INTERA LiDAR S ** = World Geodetic	Survey, April 2023 System 1984				
	Aque	ous		≥1	0 & <	:100	≥100	≥1000 & <2000	≥30 & <10 ≥100		2,3.5 1001				
ft – foo	t or foo	t has	- hold	ow grou	nd cu	rfaco i	in = inches mm = n	≥2000		hotoionization detector, nom	v = parts por million				

INTERA

Project Name: OCD Reed Estate

Project #:

LOG OF BORING:

SB-19

Date Started: 05-18-2024
Date Completed: 05-19-2024
Drilling Method: Sonic

Sampling Method: Continuous Core
Drilling Company: Talon LPE
Driller: J. Tomayo
Logged By: H. Manlove

DTW (ft bgs): Not Encountered Boring Depth (ft bgs): 37

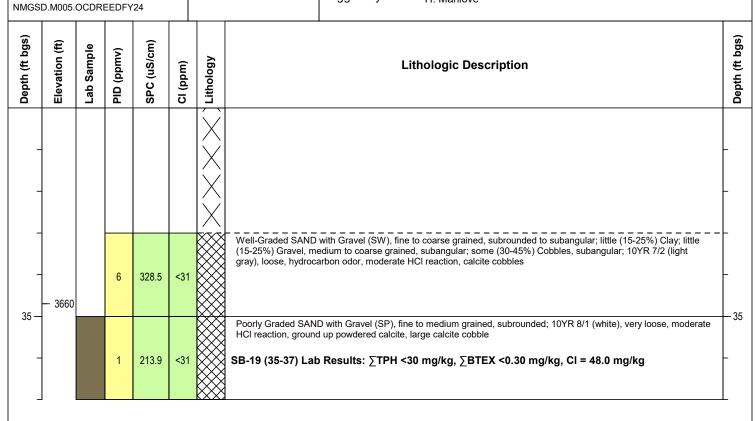
Boring Depth (it bgs): 37

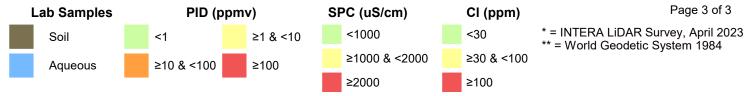
Boring Diameter (in): 4.00

Elevation (ft)*: 3694.7

Latitude**: 33.00081

-103.082932





10

15

Received by OCD: 6/17/2024 10:07:06 AM Date Started: DTW (ft bgs): 05-20-2024 Not Encountered Date Completed: Boring Depth (ft bgs): 05-21-2024 35 Drilling Method: Boring Diameter (in): LOG OF BORING: Sonic 4.00 Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3694.28 OCD Reed Estate Latitude**: Drilling Company: Talon LPE SB-23 33.000879 Driller: Longitude**: J. Tomayo -103.083124 Project #: Logged By: B. Archuleta NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description 0 Well-Graded SAND (SW), fine to medium grained, subangular; few (5-10%) Silt; 7.5YR 3/4 (dark brown), loose, dry, 0 no odor, no staining, no HCl reaction, weak cementation, top soil 2 681 <31 Silty SAND (SM), fine grained, 7.5YR 6/3 (light brown), dense, dry, no odor, no staining, strong HCI reaction, blocky, strong cementation, strong caliche; dries chalky white: cuttings up to 6" Well-Graded SAND (SW), fine grained, 7.5YR 7/6 (reddish yellow), loose, dry, no odor, no staining, moderate HCl reaction, weak cementation, pinkish, moderate caliche; pulverized with larger pieces up to 2-4" 1099 42 3690 5. -5 0 1682 55 0 1763 48

> SB-23 (11-13) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 528 mg/kg Well-Graded SAND (SW), fine to coarse grained, subrounded to subangular; few (5-10%) Silt; 7.5YR 8/2 (pinkish white) and 7.5YR 4/1 (dark gray), medium dense, dry, strong HCl reaction, moderate cementation, moderate to strong caliche; dries white; cuttings up to 4 in. Gravish-brown zone between 13-16 ft bgs containing small 2" nodules of brown organic (?) soily material, possible faint hydrocarbon odor.

Page 1 of 3 **Lab Samples** PID (ppmv) SPC (uS/cm) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 ≥1 & <10 Soil <1 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥2000 ≥100

ft = foot or feet, bgs = below ground surface, in = inches, mm = millimeters, DTW = depth to water, PID = photoionization detector, ppmv = parts per million by volume, SPC = Specific Conductivity, uS/cm = microSiemens per centimeter, Cl = chlorides, ppm = parts per million, HCl = hydrochloric acid, ∑TPH = Total Petroleum Hydrocarbons, mg/kg = milligrams per kilogram, SBTEX = Sum of Benezene, Toluene, Ethylbenzene, and Xylenes

0

3680

15

2054

1771

88

10

Date Started: DTW (ft bgs): 05-20-2024 Not Encountered Date Completed: Boring Depth (ft bgs): 05-21-2024 35 Drilling Method: Boring Diameter (in): Sonic LOG OF BORING: 4.00 Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3694.28 OCD Reed Estate Latitude**: Drilling Company: Talon LPE SB-23 33.000879 Driller: Longitude**: J. Tomayo -103.083124 Project #: Logged By: B. Archuleta NMGSD.M005.OCDREEDFY24 Depth (ft bgs) Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) CI (ppm) Lithology Lithologic Description 2 1394 48 Well-Graded SAND (SW), fine to medium grained, subrounded to subangular; 7.5YR 8/2 (pinkish white), loose, dry, no odor, no staining, moderate HCl reaction, moderate cementation, moderate caliche; 60% pulverized sand; 40% chunks 2-50 mm 697 36 20 20 257.6 <31 209.6 <31 3670 25 25 Well-Graded SAND (SW), fine to medium grained, subangular; 7.5YR 8/2 (pinkish white), very dense, no odor, no staining, moderate HCl reaction, strong cementation, hard rock, very hard; likely a fine to medium sand with very 0 232.2 <31 strong calcite cementation and silicification (cherty); slightly vuggy/breccia texture; some zones saturated from water used for drilling; difficult drilling. 0 239.9 <31 30 Page 2 of 3 SPC (uS/cm) Lab Samples PID (ppmv) CI (ppm) * = INTERA LiDAR Survey, April 2023 <1000 <30 Soil <1 ≥1 & <10 ** = World Geodetic System 1984 ≥1000 & <2000 ≥30 & <100 ≥10 & <100 ≥100 Aqueous ≥2000 ≥100

INTERA

NMGSD.M005.OCDREEDFY24

Project Name: OCD Reed Estate

Project #:

LOG OF BORING: SB-23

RING: D

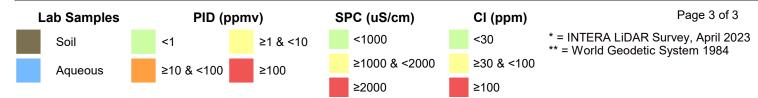
Date Started: 05-20-2024
Date Completed: 05-21-2024
Drilling Method: Sonic

Sampling Method: Continuous Core
Drilling Company: Talon LPE
Driller: J. Tomayo
Logged By: B. Archuleta

DTW (ft bgs): Not Encountered Boring Depth (ft bgs): 35
Boring Diameter (in): 4.00

Boring Diameter (in): 4.00
Elevation (ft)*: 3694.28
Latitude**: 33.000879
Longitude**: -103.083124

Depth (ft bgs)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology	Lithologic Description	Depth (ft bgs)
_			2	214.1	<31			- -
35_	— 3660		3	323.1	<31		SB-23 (32.5-35) Lab Results: ∑TPH = 12.6 mg/kg, ∑BTEX <0.30 mg/kg, Cl = 32.0 mg/kg	- - 35



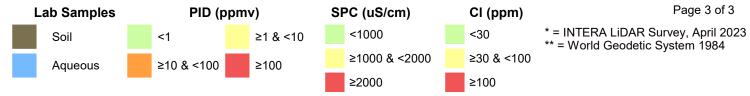
Proje	ct Name	:	- E	R	<u> </u>	LOG	OF BORING: SB-25	Date Completed: 05- Drilling Method: So Sampling Method: Co Drilling Company: Ta Driller: J.	-14-2024 -15-2024 inic intinuous Core Ion LPE Tomayo Williamson	DTW (ft bgs): Boring Depth (ft bgs): Boring Diameter (in): Elevation (ft)*: Latitude**: Longitude**:	Not Encountered 35.00 4.00 3691.89 33.001497 -103.083007
Depth (ft bgs)	Elevation (ft)	Lab Sample	PID (ppmv)	SPC (uS/cm)	CI (ppm)	Lithology		Litholo	ogic Descriptio	n	Depth (ft bgs)
0 - -	— 3690		6	558	<31			se grained, subrounded to ang		ded to angular; few (5-10%) Cla h white), loose, dry to moist, no	
5—			2	520	36						- -5
-	-		1	671	36			and (CL), low plasticity; little (1 hard, moist, no odor, no staini		o coarse grained, subrounded to n	subangular;
10 —			9	524	42		(30-45%) Gravel, fir		ded to subangular; 10	o subangular; trace (<5%) Clay; DYR 8/1 (white), very loose, dry,	
-	_ 3680		1	442	36						-
15			5	356	36						15
	Soil Aque	ous			0 & <	<100	pmv) ≥1 & <10 ≥100	SPC (uS/cm) <1000 ≥1000 & <2000 ≥2000	CI (ppm) <30 ≥30 & <10 ≥100	* = INTERA LiDAR S ** = World Geodetic 0	

Project Name: Drilling Method: Sonic Sampling Method: Continuous Core Drilling Company: Talon LPE Driller: J. Tomayo Logged By: Drilling Method: Sonic Sampling Diameter (in): Elevation (ft)*: Latitude**: Longitude**:	4.00 3691.89 33.001497 -103.083007
Elevation (ft bgs) CI (ppmv) CI (ppm) CI (ppm) CI (ppm) CI (ppm) CI (ppm)	Depth (ft bgs)
Well-Graded SAND with Clay and Gravel (SW-SC), medium grained, subrounded to subangular; little (1 Clay; some (30-45%) Gravel, fine to coarse grained, subrounded to subangular; 10YR 8/1 (white) to 7.5 (pinkish white), medium dense, dry, no odor, no staining, strong HCl reaction, clayey caliche sand, max mm	5YR 8/2
20 — 0 545 36	20
7 700 42 36 70	-
Poorly Graded GRAVEL with Sand (GP), fine to coarse grained, subrounded to subangular; little (15-25%) Cobbles, subrounded to subangular; 7.5YF (pinkish white) and 10YR 8/1 (white), very loose, dry, no odor, no staining, weak HCl reaction, gravel with and sand. cobbles are very hard, fine grain rock, pinkish white w/ weak hcl reaction, max grain size 200	R 8/2 ith cobbles
Poorly Graded SAND with Clay and Gravel (SP-SC), fine to coarse grained, subrounded to subangular; (15-25%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; 10YR 5/2 (gray medium dense, moist, no odor, no staining, strong HCl reaction, caliche sediments, max grain size 55 m SB-25 (28-30) Lab Results: \(\sumeq TPH = 44.2 \text{ mg/kg}, \sumeq BTEX < 0.30 \text{ mg/kg}, CI = 32.0 \text{ mg/kg}	yish brown), mm –
Lab Samples PID (ppmv) SPC (uS/cm) CI (ppm)	Page 2 of 3
Soil <1 >1 & <10 <1000	urvey, April 2023
** = World Geodetic S Aqueous ≥10 & <100 ≥100 ≥2000 ≥2000 ≥100	System 1984

Depth (ft bgs)

35

Received by OCD: 6/17/2024 10:07:06 AM Date Started: DTW (ft bgs): 05-14-2024 Not Encountered Date Completed: Boring Depth (ft bgs): 05-15-2024 35.00 Boring Diameter (in): Drilling Method: Sonic LOG OF BORING: 4.00 Project Name: Sampling Method: Continuous Core Elevation (ft)*: 3691.89 Latitude**: Drilling Company: Talon LPE SB-25 33.001497 Longitude**: Driller: J. Tomayo -103.083007 Project #: Logged By: B. Williamson OCD Reed Estate Depth (ft bgs) Elevation (ft) SPC (uS/cm) Lab Sample PID (ppmv) Lithology CI (ppm) Lithologic Description Poorly Graded SAND with Clay and Gravel (SP-SC), fine to coarse grained, subrounded to subangular; little (15-25%) Clay; little (15-25%) Gravel, fine to coarse grained, subrounded to subangular; 10YR 5/2 (grayish brown), medium dense, moist, no odor, no staining, strong HCl reaction, caliche sediments. Same as interval above but with 0 692 42 less and smaller gravel, max grain size 50 mm 3660 0 700 42 SB-25 (32.5-35) Lab Results: ∑TPH <30 mg/kg, ∑BTEX <0.30 mg/kg, CI = 16.0 mg/kg 35



INTERA

Project Name: OCD Reed Estate

Project #:

LOG OF BORING:

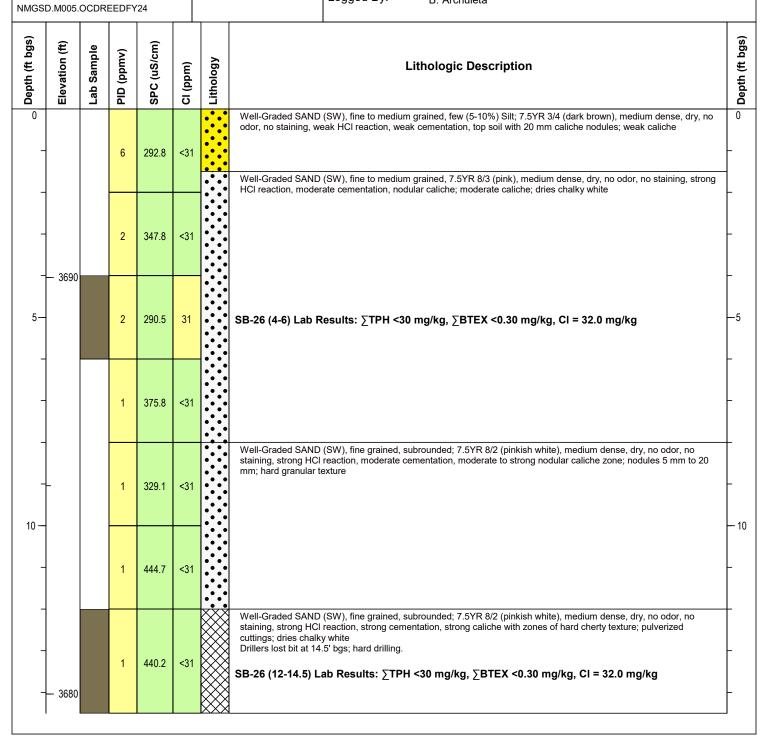
SB-26

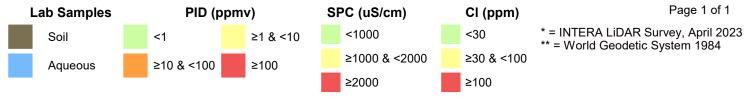
Date Started: 05-23-2024
Date Completed: 05-23-2024
Drilling Method: Sonic

Sampling Method: Continuous Core
Drilling Company: Talon LPE
Driller: J. Tomayo
Logged By: B. Archuleta

DTW (ft bgs): Not Encountered
Boring Depth (ft bgs): 14.50
Boring Diameter (in): 1.00

Boring Diameter (in): 4.00
Elevation (ft)*: 3694.04
Latitude**: 33.000678
-103.082668





Appendix C

Laboratory Reports – Drilling Investigation

OCD Reed Estate Wellsite Remediation FY24





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

May 15, 2024

EMILY WOOSLEY

INTERA, INC.

6000 UPTOWN BLVD, NE SUITE 220

ALBUQUERQUE, NM 87110

RE: OCD REED ESTATE

Enclosed are the results of analyses for samples received by the laboratory on 05/14/24 16:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is 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)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

INTERA, INC. **EMILY WOOSLEY** 6000 UPTOWN BLVD, NE SUITE 220 ALBUQUERQUE NM, 87110 Fax To: (505) 246-2600

Received: 05/14/2024 Sampling Date: 05/14/2024

Reported: 05/15/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 02 (8 - 10) (H242653-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.95	97.3	2.00	10.2	
Toluene*	<0.050	0.050	05/15/2024	ND	1.90	95.1	2.00	9.52	
Ethylbenzene*	<0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	8.07	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	5.49	91.4	6.00	8.16	
Total BTEX	<0.300	0.300	05/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	79.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/15/2024	ND	400	100	400	11.3	
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	05/14/2024	ND	186	92.8	200	1.84	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	199	99.6	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

INTERA, INC. **EMILY WOOSLEY** 6000 UPTOWN BLVD, NE SUITE 220 ALBUQUERQUE NM, 87110 Fax To: (505) 246-2600

Received: 05/14/2024 Sampling Date: 05/14/2024

Reported: 05/15/2024 Sampling Type: Soil

Project Name: Sampling Condition: Cool & Intact OCD REED ESTATE Project Number: Sample Received By: NMGSD.M005.OCD.REED Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 02 (34.5-36) (H242653-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2024	ND	1.95	97.3	2.00	10.2	
Toluene*	<0.050	0.050	05/15/2024	ND	1.90	95.1	2.00	9.52	
Ethylbenzene*	< 0.050	0.050	05/15/2024	ND	1.88	94.1	2.00	8.07	
Total Xylenes*	<0.150	0.150	05/15/2024	ND	5.49	91.4	6.00	8.16	
Total BTEX	<0.300	0.300	05/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	80.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/15/2024	ND	400	100	400	11.3	
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	05/14/2024	ND	186	92.8	200	1.84	
DRO >C10-C28*	<10.0	10.0	05/14/2024	ND	199	99.6	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/14/2024	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Celey D. Keine



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

Rellinquished By:

Time: 43 Date: Time:

Received By:

REMARKS:

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

Corrected Temp. °C

Sample Condition
Cool Intact
Ples D Yes
No No

CHECKED BY: (Initials)

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 oratories

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

۷.	All Results are emailed. Pleas	All Results)		_	Time; un	1
No Add'l Phone #:	sult: 🗆 Yes 🗆	Verbal Result:		Received By:	Kece	h2/4//sp	(
	e.	e above stated reasons or otherwise	sed upon any of the	irdless of whether such claim is be	Cardinal, rega	Relinquished By:	Relinguished By:
	e applicable	vithin 30 days after completion of th	eived by Cardinal w	ation, business interruptions, loss	ng without limit	service. In no event shall Cardinal be liable for incidental or consequented damages, including when the state of the service and incidental which is consequented to the service and incident which is consequented to the service and incidental which is consequented to the servic	service. In no event shall Can
	the	to the amount paid by the client for	rt, shall be limited t	ing whether based in contract or to	any claim aris	analyses. All claims including those or registers and any other cause where the second in contract or tort, shall be limited to the amount paid by the client for the	analyses. All claims including
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	0	Attn: Emily woolsey	Attn: 57		٦ Zip:	State: NM Zip: 87110	City: M-13 1X
			Company:	88	#700	Address: ~ 140 - 4;5; 144 13100 WE	Address:
- 1		P.O. #: NM 650, MORTS, OCD	P.O. #: √			621000 BINIT	3
ANALYSIS REQUEST							Project Manager:
		BILL TO				・トマーロスコ	Company ranie.

Corrected Temp. °C



May 16, 2024

EMILY WOOSLEY INTERA, INC.

6000 UPTOWN BLVD, NE SUITE 220

ALBUQUERQUE, NM 87110

RE: OCD REED ESTATE

Enclosed are the results of analyses for samples received by the laboratory on 05/15/24 16:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is 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)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/15/2024 Sampling Date: 05/15/2024

Reported: 05/16/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

Project Location: OCD REED ESTATE

Sample ID: SB - 25 (28 - 30) (H242696-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.050	0.050	05/16/2024	ND	1.90	94.9	2.00	1.67	
Toluene*	0.098	0.050	05/16/2024	ND	1.87	93.3	2.00	1.81	GC-NC1
Ethylbenzene*	<0.050	0.050	05/16/2024	ND	1.88	94.2	2.00	1.95	
Total Xylenes*	<0.150	0.150	05/16/2024	ND	5.47	91.2	6.00	1.98	
Total BTEX	<0.300	0.300	05/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/16/2024	ND	400	100	400	7.69	
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	05/16/2024	ND	171	85.7	200	0.00	
DRO >C10-C28*	30.6	10.0	05/16/2024	ND	215	107	200	14.4	
EXT DRO >C28-C36	13.6	10.0	05/16/2024	ND					
Surrogate: 1-Chlorooctane	100 5	2/6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/15/2024 Sampling Date: 05/15/2024

Reported: 05/16/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: OCD REED ESTATE

Sample ID: SB - 25 (32.5 - 35) (H242696-02)

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	05/16/2024	ND	1.90	94.9	2.00	1.67	
Toluene*	<0.050	0.050	05/16/2024	ND	1.87	93.3	2.00	1.81	
Ethylbenzene*	<0.050	0.050	05/16/2024	ND	1.88	94.2	2.00	1.95	
Total Xylenes*	<0.150	0.150	05/16/2024	ND	5.47	91.2	6.00	1.98	
Total BTEX	<0.300	0.300	05/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/16/2024	ND	400	100	400	7.69	
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	05/16/2024	ND	171	85.7	200	0.00	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	215	107	200	14.4	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

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Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/15/2024 Sampling Date: 05/15/2024

Reported: 05/16/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: OCD REED ESTATE

Sample ID: SB - 03 (10 - 12.5) (H242696-03)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/16/2024	ND	1.90	94.9	2.00	1.67	
Toluene*	<0.050	0.050	05/16/2024	ND	1.87	93.3	2.00	1.81	
Ethylbenzene*	<0.050	0.050	05/16/2024	ND	1.88	94.2	2.00	1.95	
Total Xylenes*	<0.150	0.150	05/16/2024	ND	5.47	91.2	6.00	1.98	
Total BTEX	<0.300	0.300	05/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/16/2024	ND	400	100	400	7.69	
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	05/16/2024	ND	171	85.7	200	0.00	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	215	107	200	14.4	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/15/2024 Sampling Date: 05/15/2024

Reported: 05/16/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: OCD REED ESTATE

Sample ID: SB - 03 (31.5 - 35) (H242696-04)

BTEX 8021B

		<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/16/2024	ND	1.90	94.9	2.00	1.67	
Toluene*	<0.050	0.050	05/16/2024	ND	1.87	93.3	2.00	1.81	
Ethylbenzene*	<0.050	0.050	05/16/2024	ND	1.88	94.2	2.00	1.95	
Total Xylenes*	<0.150	0.150	05/16/2024	ND	5.47	91.2	6.00	1.98	
Total BTEX	<0.300	0.300	05/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/16/2024	ND	400	100	400	7.69	
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	05/16/2024	ND	171	85.7	200	0.00	
DRO >C10-C28*	15.4	10.0	05/16/2024	ND	215	107	200	14.4	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

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Notes and Definitions

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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Celeg D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Bright LATERA LAC		BILL 10			ANALYSIS R	REQUEST
" Dec manager Emily MoolsEy		F.O. #:				
Address: 2440 LOVISIAJA BLVO NE SU	JUITE 700	Company:		100		
City: ALBY OVER QUE State: NM	1 Zip: \$7110	Attn: Emily Woolsey		ro)	<u> </u>	
Phone #: 505 - 246 - 1600 Fax #: -		Address:		10		
Project #: NMGSO . MOO S . OCD - RED Project Owner:	ner:	City:		RO		
Project Name: OCO LEED ESTATE		State: Zip:		/m		
Project Location: Oco Reso ESTATE.		Phone #:		SRO		
Sampler Name: BAIAN SCHM, OT		Fax #:		((
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PLEASE 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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waved 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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	or any claim arising whether based in contra be deemed waived unless made in writing a ding without limitation, business interruption	ct or tort, shall be limited to the amount pa and received by Cardinal within 30 days aft s, loss of use, or loss of profits incurred by	aid by the client for the ter completion of the applicable client, its subsidiaries,			×
Received By:	Received By	such claims based upon anyou the above scaled resours of upon likes.	7	□ Yes □ No	Add'l Phone #:	
Time:			C M COI	colsey @ ift	colsey @ intern com	
Relinquished By: Time:	Received By:	P	REMARKS:			
Delivered By: (Circle One) Observed Temp. °C	C / 4 Sample Condition Cool Intact	CHECI	Turnaround Time:	Standard Rush	2 0	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other: Corrected Temp. °C		0	Thermometer ID #140		1	S



May 17, 2024

INTERA, INC.

EMILY WOOSLEY

6000 UPTOWN BLVD, NE SUITE 220

ALBUQUERQUE, NM 87110

RE: OCD REED ESTATE

Enclosed are the results of analyses for samples received by the laboratory on 05/16/24 15:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is 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)

Accreditation applies to public drinking water matrices.

Wite Sough

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/16/2024 Sampling Date: 05/16/2024

Reported: 05/17/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 17 (7.5-10) (H242721-01)

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	05/16/2024	ND	2.15	108	2.00	2.32	
Toluene*	<0.050	0.050	05/16/2024	ND	2.18	109	2.00	0.855	
Ethylbenzene*	<0.050	0.050	05/16/2024	ND	2.14	107	2.00	0.0235	
Total Xylenes*	<0.150	0.150	05/16/2024	ND	6.58	110	6.00	0.307	
Total BTEX	<0.300	0.300	05/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4100	16.0	05/17/2024	ND	416	104	400	7.41	
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	05/16/2024	ND	183	91.6	200	0.946	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	177	88.7	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/16/2024 Sampling Date: 05/16/2024

Reported: 05/17/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 17 (16.5-19) (H242721-02)

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	05/16/2024	ND	2.15	108	2.00	2.32	
Toluene*	<0.050	0.050	05/16/2024	ND	2.18	109	2.00	0.855	
Ethylbenzene*	<0.050	0.050	05/16/2024	ND	2.14	107	2.00	0.0235	
Total Xylenes*	<0.150	0.150	05/16/2024	ND	6.58	110	6.00	0.307	
Total BTEX	<0.300	0.300	05/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1950	16.0	05/17/2024	ND	416	104	400	7.41	
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	05/16/2024	ND	183	91.6	200	0.946	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	177	88.7	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Mile Sough



Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Analyzed By: JH

Received: 05/16/2024 Sampling Date: 05/16/2024

Reported: 05/17/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

mg/kg

Sample ID: 820_CF_33 (H242721-03)

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	05/16/2024	ND	2.15	108	2.00	2.32	
Toluene*	<0.050	0.050	05/16/2024	ND	2.18	109	2.00	0.855	
Ethylbenzene*	<0.050	0.050	05/16/2024	ND	2.14	107	2.00	0.0235	
Total Xylenes*	<0.150	0.150	05/16/2024	ND	6.58	110	6.00	0.307	
Total BTEX	<0.300	0.300	05/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/17/2024	ND	416	104	400	7.41	
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	05/16/2024	ND	183	91.6	200	0.946	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	177	88.7	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Me Sough



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Mile Sough

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2	(575) 393-2326 FAX (575) 393-2476		ANALYSIS REQUEST
Company Name: エアドミスト	A	BILL 10	
15 15 15 15 15 15 15 15 15 15 15 15 15 1	Ragiosa	P.O. #:	
3 rou!	" And Bird NE, #700	Company:)
D.	Sta	Attn:	20
Phone #: 505-246-1600	00 Fax#:	Address:	mi
Project #: NM 690, NOOS	(5, OCI) Project Owner:	City:	
me: OCD R	Z,	State: Zip:	DR
<u>_</u>	and its the	Phone #:	
Sampler Name: + Manious	re.		T R!
2		PRESERV. SAMPLING	
Lab I.D. Sai	G)RAB OR (C)OME CONTAINERS GROUNDWATER VASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: CE / COOL OTHER:	5M 453 8015 (8021
121-85	- #	X 571624	107 XXX
7 121-65	(6.5-19)		< <
3 820-CF	:_33 C	X 5/16/24	7 7
PLEASE NOTE: Liability and Damages. Cardinal analyses. All claims including those for negligenous service. In no event shall Cardinal be liable for inc	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the papicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. In one 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.	ntract or tort, shall be limited to the amount paid ag and received by Cardinal within 30 days after ions, loss of use, or loss of profits incurred by cl	
Relinguished By:	Received By: Verbal Results Page Page		Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address:
J.		S	
Relinquished By:	Date: Received By:		
Delivered By: (Circle One)	Observed Temp. °C Sample Condition Cool Intact	n CH	Standard Rush
Sampler - UPS - Bus - Other:	Corrected lemp. C	Yes CA	Correction Factor -0.5°C 1100 24 No No Corrected Temp. °C



May 20, 2024

EMILY WOOSLEY

INTERA, INC.

6000 UPTOWN BLVD, NE SUITE 220

ALBUQUERQUE, NM 87110

RE: OCD REED ESTATE

Enclosed are the results of analyses for samples received by the laboratory on 05/17/24 16:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is 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)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/17/2024 Sampling Date: 05/17/2024
Reported: 05/20/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: ** (See Notes)
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

A .. . l. d D. .. MC

Project Location: OCD REED ESTATE

Sample ID: SB - 18 (33-36) (H242753-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2024	ND	2.19	110	2.00	10.3	
Toluene*	<0.050	0.050	05/20/2024	ND	2.10	105	2.00	6.72	
Ethylbenzene*	<0.050	0.050	05/20/2024	ND	2.12	106	2.00	3.38	
Total Xylenes*	<0.150	0.150	05/20/2024	ND	6.08	101	6.00	3.88	
Total BTEX	<0.300	0.300	05/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/20/2024	ND	416	104	400	3.77	
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	05/18/2024	ND	179	89.6	200	0.846	
DRO >C10-C28*	<10.0	10.0	05/18/2024	ND	169	84.6	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	05/18/2024	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

INTERA, INC. **EMILY WOOSLEY** 6000 UPTOWN BLVD, NE SUITE 220 ALBUQUERQUE NM, 87110 Fax To: (505) 246-2600

Received: 05/17/2024 Sampling Date: 05/17/2024

Reported: 05/20/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: ** (See Notes) Sample Received By: Project Number: NMGSD.M005.OCD.REED Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 18 (15-17.5) (H242753-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2024	ND	2.19	110	2.00	10.3	
Toluene*	<0.050	0.050	05/20/2024	ND	2.10	105	2.00	6.72	
Ethylbenzene*	<0.050	0.050	05/20/2024	ND	2.12	106	2.00	3.38	
Total Xylenes*	<0.150	0.150	05/20/2024	ND	6.08	101	6.00	3.88	
Total BTEX	<0.300	0.300	05/20/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/20/2024	ND	416	104	400	3.77	
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	05/18/2024	ND	179	89.6	200	0.846	
DRO >C10-C28*	13.4	10.0	05/18/2024	ND	169	84.6	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	05/18/2024	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2470				
Company Name: TWTERT		BILL TO	A	ANALYSIS REQUEST
Project Manager: たかいま woolsage	P.O. #:	NM 650. MOGT. OCO		
Logisiand Blud NE,	#700 Comp	Company: INTEAM	80	
3 Q State: WM	Zip: 47110 Attn:	Brig wooker		
e#: 505-246-1609 Fax#:	Address:	SS:	9 (6	
Project #: NM 650, MGO5, OCO Project Owner:	City:		10	
Project Name: OCO Raca E1+4+2	State:	Zip:		
-	Phone #:	*		
Sampler Name:	Fax #:		19	
Callipro	MATRIX PR	PRESERV. SAMPLING	RE	
FOR LAB USE ONLY	RS TER R			
Lab I.D. Sample I.D.	(G)RAB OR (C) # CONTAINERS GROUNDWATE WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE:	OTHER:	CL TPH BTEX	
1 68-18 (33-36)	-	× 1117141558	\$ X X X	
259-18 (15-175)	X	4 HO1 HO1/19 X	5 X X	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	or claim arising whether based in contract or tort, shat semed waived unless made in writing and received the writing and received to the writing and the writing and the writing are writing and the writing and the writing are writing and the writing are writing and the writing and the writing are writing and the writing and the writing are writing are writing and writ	Il be limited to the amount paid by the by Cardinal within 30 days after comple , or loss of profits incurred by client, its	client for the applicable ston of the applicable subsidiaries.	
affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or orienwess to contain the containing the cont	rdinal, regardless of whether such claim is based up Received By:	Ver	ılt: □ Yes	Add'l Phone #:
Relinguished By:	OD WIS	AII R	emailed.	Please provide Email address:
Relinquished By: Date:	Received By:	REI	REMARKS:	
Delivered By: (Circle One) Observed Temp. C Sampler - UPS - Bus - Other: Corrected Temp. C Corrected Temp. C	Sample Condition Cool Intact Uses Wes	CHECKED BY: Turn (Initials) Then	Turnaround Time: Standard Thermometer ID 1973 The	☐ Bacteria (only) Sample Condition ☐ Cool Intact Observed Temp. °C ☐ Inc ☐ No Corrected Temp. °C
		Corr	1	



May 21, 2024

EMILY WOOSLEY

INTERA, INC.

6000 UPTOWN BLVD, NE SUITE 220

ALBUQUERQUE, NM 87110

RE: OCD REED ESTATE

Enclosed are the results of analyses for samples received by the laboratory on 05/20/24 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is 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:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/20/2024 Sampling Date: 05/18/2024

Reported: 05/21/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

Project Location: OCD REED ESTATE

Sample ID: SB - 14 (5-7) (H242771-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2024	ND	1.97	98.6	2.00	1.58	
Toluene*	<0.050	0.050	05/21/2024	ND	1.95	97.3	2.00	2.26	
Ethylbenzene*	<0.050	0.050	05/21/2024	ND	1.98	99.0	2.00	2.25	
Total Xylenes*	<0.150	0.150	05/21/2024	ND	5.72	95.4	6.00	1.98	
Total BTEX	<0.300	0.300	05/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	05/21/2024	ND	432	108	400	3.64	QM-07
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	05/21/2024	ND	218	109	200	2.36	
DRO >C10-C28*	<10.0	10.0	05/21/2024	ND	221	110	200	8.44	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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Celey D. Kune



Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/20/2024 Sampling Date: 05/18/2024

Reported: 05/21/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: OCD REED ESTATE

Sample ID: SB - 14 (34-35) (H242771-02)

BTEX 8021B

DIEX GOZID	iiig/	, kg	Allulyzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2024	ND	1.97	98.6	2.00	1.58	
Toluene*	<0.050	0.050	05/21/2024	ND	1.95	97.3	2.00	2.26	
Ethylbenzene*	<0.050	0.050	05/21/2024	ND	1.98	99.0	2.00	2.25	
Total Xylenes*	<0.150	0.150	05/21/2024	ND	5.72	95.4	6.00	1.98	
Total BTEX	<0.300	0.300	05/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/21/2024	ND	432	108	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	05/21/2024	ND	218	109	200	2.36	
DRO >C10-C28*	<10.0	10.0	05/21/2024	ND	221	110	200	8.44	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

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Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/20/2024 Sampling Date: 05/19/2024

Reported: 05/21/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: OCD REED ESTATE

Sample ID: SB - 19 (12-14) (H242771-03)

RTFY 8021R

BIEX 8021B	mg	/ Kg	Analyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2024	ND	1.97	98.6	2.00	1.58	
Toluene*	<0.050	0.050	05/21/2024	ND	1.95	97.3	2.00	2.26	
Ethylbenzene*	<0.050	0.050	05/21/2024	ND	1.98	99.0	2.00	2.25	
Total Xylenes*	<0.150	0.150	05/21/2024	ND	5.72	95.4	6.00	1.98	
Total BTEX	<0.300	0.300	05/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11600	16.0	05/21/2024	ND	432	108	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	05/21/2024	ND	218	109	200	2.36	
DRO >C10-C28*	23.2	10.0	05/21/2024	ND	221	110	200	8.44	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/20/2024 Sampling Date: 05/19/2024

Reported: 05/21/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: OCD REED ESTATE

Sample ID: SB - 19 (35-37) (H242771-04)

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	05/21/2024	ND	1.97	98.6	2.00	1.58	
Toluene*	<0.050	0.050	05/21/2024	ND	1.95	97.3	2.00	2.26	
Ethylbenzene*	<0.050	0.050	05/21/2024	ND	1.98	99.0	2.00	2.25	
Total Xylenes*	<0.150	0.150	05/21/2024	ND	5.72	95.4	6.00	1.98	
Total BTEX	<0.300	0.300	05/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/21/2024	ND	432	108	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	05/21/2024	ND	218	109	200	2.36	
DRO >C10-C28*	<10.0	10.0	05/21/2024	ND	221	110	200	8.44	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.3	% 49.1-14	8						

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Analytical Results For:

INTERA, INC. **EMILY WOOSLEY** 6000 UPTOWN BLVD, NE SUITE 220 ALBUQUERQUE NM, 87110 Fax To: (505) 246-2600

Received: 05/20/2024 Sampling Date: 05/20/2024

Reported: 05/21/2024 Sampling Type: Soil

Project Name: Sampling Condition: Cool & Intact OCD REED ESTATE Sample Received By: Project Number: NMGSD.M005.OCD.REED Tamara Oldaker

Project Location: OCD REED ESTATE

Sample ID: SB - 15 (7.5-10) (H242771-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2024	ND	1.97	98.6	2.00	1.58	
Toluene*	<0.050	0.050	05/21/2024	ND	1.95	97.3	2.00	2.26	
Ethylbenzene*	<0.050	0.050	05/21/2024	ND	1.98	99.0	2.00	2.25	
Total Xylenes*	<0.150	0.150	05/21/2024	ND	5.72	95.4	6.00	1.98	
Total BTEX	<0.300	0.300	05/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	05/21/2024	ND	432	108	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	05/21/2024	ND	218	109	200	2.36	
DRO >C10-C28*	<10.0	10.0	05/21/2024	ND	221	110	200	8.44	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Analytical Results For:

INTERA, INC. **EMILY WOOSLEY** 6000 UPTOWN BLVD, NE SUITE 220 ALBUQUERQUE NM, 87110 Fax To: (505) 246-2600

Received: 05/20/2024 Sampling Date: 05/20/2024

Reported: 05/21/2024 Sampling Type: Soil

Project Name: Sampling Condition: Cool & Intact OCD REED ESTATE Sample Received By: Project Number: NMGSD.M005.OCD.REED Tamara Oldaker

Project Location: OCD REED ESTATE

Sample ID: SB - 15 (30.5-33) (H242771-06)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2024	ND	1.97	98.6	2.00	1.58	
Toluene*	<0.050	0.050	05/21/2024	ND	1.95	97.3	2.00	2.26	
Ethylbenzene*	<0.050	0.050	05/21/2024	ND	1.98	99.0	2.00	2.25	
Total Xylenes*	<0.150	0.150	05/21/2024	ND	5.72	95.4	6.00	1.98	
Total BTEX	<0.300	0.300	05/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/21/2024	ND	432	108	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	05/21/2024	ND	218	109	200	2.36	
DRO >C10-C28*	29.5	10.0	05/21/2024	ND	221	110	200	8.44	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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Analytical Results For:

INTERA, INC. **EMILY WOOSLEY** 6000 UPTOWN BLVD, NE SUITE 220 ALBUQUERQUE NM, 87110 Fax To: (505) 246-2600

Received: 05/20/2024 Sampling Date: 05/20/2024

Reported: 05/21/2024 Sampling Type: Soil

Project Name: Sampling Condition: Cool & Intact OCD REED ESTATE Sample Received By: Project Number: NMGSD.M005.OCD.REED Tamara Oldaker

Project Location: OCD REED ESTATE

Sample ID: SB - 16 (20.5-23) (H242771-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2024	ND	1.97	98.6	2.00	1.58	
Toluene*	<0.050	0.050	05/21/2024	ND	1.95	97.3	2.00	2.26	
Ethylbenzene*	<0.050	0.050	05/21/2024	ND	1.98	99.0	2.00	2.25	
Total Xylenes*	<0.150	0.150	05/21/2024	ND	5.72	95.4	6.00	1.98	
Total BTEX	<0.300	0.300	05/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/21/2024	ND	432	108	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	05/21/2024	ND	218	109	200	2.36	
DRO >C10-C28*	<10.0	10.0	05/21/2024	ND	221	110	200	8.44	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Analytical Results For:

INTERA, INC. **EMILY WOOSLEY** 6000 UPTOWN BLVD, NE SUITE 220 ALBUQUERQUE NM, 87110 Fax To: (505) 246-2600

Received: 05/20/2024 Sampling Date: 05/20/2024

Reported: 05/21/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact Sample Received By: Project Number: NMGSD.M005.OCD.REED Tamara Oldaker

Project Location: OCD REED ESTATE

Sample ID: SB - 16 (34-36) (H242771-08)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2024	ND	1.97	98.6	2.00	1.58	
Toluene*	<0.050	0.050	05/21/2024	ND	1.95	97.3	2.00	2.26	
Ethylbenzene*	<0.050	0.050	05/21/2024	ND	1.98	99.0	2.00	2.25	
Total Xylenes*	<0.150	0.150	05/21/2024	ND	5.72	95.4	6.00	1.98	
Total BTEX	<0.300	0.300	05/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/21/2024	ND	432	108	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	05/21/2024	ND	218	109	200	2.36	
DRO >C10-C28*	<10.0	10.0	05/21/2024	ND	221	110	200	8.44	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 49.1-14	8						

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Notes and Definitions

S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely

affected.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

ANALYSIS REPARCY Question of the control of the co	No LI NO Corrected lemp. °C		· \$120	eene@c	o celey.k	Cardinal cannot accept verbal changes. Please email changes to celev keene@cardinallabsnm.com	ges. Pleas	ept verbal chan	annot acc	† Cardinal ca		
Canal Cana	ly) S		Standard Rush	1 11				Sample Condition Cool Intact Yes Yes No No	in.	Corrected Temp. °C	us - Other:	ipler - UPS - B
Sample I.D. Attribute Phone #: State: 19 (39-33) SB -19 (39-33) SB					AKKS:	N. C. K.				Time:	Cla One)	ivered By: (Cir
ANALYSIS	le#: dress:	vide Email addr	Please pro	emailed.	esults are	Name and Address of the Owner, where the Owner, which is		Mullot	Receive	50	M	elinquished By:
State: M Zip: 87110 Attn: Ewnity Woolsey Fax #: Address: Project Owner: City: State: Zip: Phone #: Fax #: Address: DO GI WOOLSEY Project Owner: City: State: Zip: Phone #: Fax #: Address: DO GI WOOLSEY Project Owner: City: State: Zip: Phone #: Fax #: State: Zip: Phone #: Fax #: State: Zip: Phone #: Fax #: Fax #: State: Zip: Phone #: State: Zip: State: Zip: State: Zip: Phone #: State: Zip: Phone #: State: Zip: Phone #: State: Zip: Zip: State: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip			1	T &	subsidiaries, otherwise.	of profits incurred by client, its:	s based upon anyo	on, business interruptions, lo less of whether such claim is ad By: /	erdinal, regard	performance of services hereunder by C Date:	out of or related to the	flates or successors arising callinguished By
Sample I.D.			F	D. C.	lient for the	ited to the amount paid by the one within 30 days after comple	or tort, shall be limit	whether based in contract of unless made in writing and	ny claim arising deemed waived	ability and client's exclusive remedy for a nd any other cause whatsoever shall be	Damages, Cardinal's lia those for negligence ar	E NOTE: Liability and s. All claims including in no award shall Co.
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ANALYSIS Cot Manager: Envily Woodscy Ess: JUNG Coursiana Bluck NZ SITE 700 Company: Albuque rque State: NM Zip: 87110 Attn: Envily Woolsey e#: 505 Jy 6 1600 Fax #: City: City: ANALYSIS ANALYSIS ANALYSIS City: ANALYSIS ANALYSIS City: ANALYSIS ANALYSIS City: ANALYSIS ANALYSIS City: ANALYSIS ANALYSIS ANALYSIS City: City: ANALYSIS City: ANALYSIS City: City: ANALYSIS City: ANALYSIS City: City: ANALYSIS ANALYSIS City: ANALYSIS City: ANALYSIS City: City: ANALYSIS City: ANALYSIS ANALYSIS City: ANALYSIS ANALYSIS City: ANALYSIS ANALYSIS City: ANALYSIS ANALYSIS ANALYSIS City: ANALYSIS ANALYSIS City: ANALYSIS ANALYSIS City: ANALYSIS AN						Zip:	State:		Co		000	ject Name:
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May 22, 2024

EMILY WOOSLEY

INTERA, INC.

6000 UPTOWN BLVD, NE SUITE 220

ALBUQUERQUE, NM 87110

RE: OCD REED ESTATE

Enclosed are the results of analyses for samples received by the laboratory on 05/21/24 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is 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)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/21/2024 Sampling Date: 05/20/2024

Reported: 05/22/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 23 (11 - 13) (H242817-01)

Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS %	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2024	ND	1.72	86.1	2.00	1.06	
Toluene*	<0.050	0.050	05/22/2024	ND	1.77	88.3	2.00	1.25	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	1.80	89.9	2.00	1.03	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	5.43	90.4	6.00	2.16	
Total BTEX	<0.300	0.300	05/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	05/22/2024	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	104	200	0.0391	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					
Surrogate: 1-Chlorooctane	89.0 % 48.2-13		4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Applyzod By: MC

Received: 05/21/2024 Sampling Date: 05/21/2024

Reported: 05/22/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 23 (32.5 - 35) (H242817-02)

RTFY 8021R

BIEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2024	ND	1.72	86.1	2.00	1.06	
Toluene*	<0.050	0.050	05/22/2024	ND	1.77	88.3	2.00	1.25	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	1.80	89.9	2.00	1.03	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	5.43	90.4	6.00	2.16	
Total BTEX	<0.300	0.300	05/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 % 71.5-13		4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/22/2024	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2024	ND	207	104	200	0.0391	
DRO >C10-C28*	12.6	10.0	05/22/2024	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Applyzod By: MC

Received: 05/21/2024 Sampling Date: 05/21/2024

Reported: 05/22/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 123 (32.5 - 35) (H242817-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2024	ND	1.72	86.1	2.00	1.06	
Toluene*	<0.050	0.050	05/22/2024	ND	1.77	88.3	2.00	1.25	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	1.80	89.9	2.00	1.03	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	5.43	90.4	6.00	2.16	
Total BTEX	<0.300	0.300	05/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/22/2024	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	05/22/2024	ND	207	104	200	0.0391	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

(3/3) 333-2320 [(5/5) 393-2326 FAX (5/5) 393-24/6				
Company Name: NTERH NC	A	BILL TO		ANALYSIS RE	REQUEST
Project Manager: EMIN Woolse	, as	P.O. #:		-	
Address: 2440 Louisiana Blvd	ODE TINS 3N PAIS	Company:	(0)		
city: Albuquerque	State: NM Zip: 87110	Attn: Emily Wools	BR		
Phone #: 505 - 246-1600	Fax #:	Address:	ROL		
Project #: NM6SD, M005, OCD	Project Owner:	City:	MI		
Project Name: OCD Rold Est	-	State: Zip:	20/		
Project Location: OCD		Phone #:			
Sampler Name: Prim A.		Fax #:			
FÖR LAB USE ONLY		PRESERV. SAMPLING	M4:	3	
Lab I.D. Sample I.D.	G)RAB OR (C)OI # CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TPH:	Blex	
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PLEASE NOTE: Liability and Damages. Cardinal's liability and analyses. All claims including those for negligence and any othe service. In no event shall Cardinal be liable for incidental or con- *filiates or successors arising out of or related to the performan	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after compision of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including whoold limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal recardiness of wheth. * such claim is based upon any of the above stated reasons or otherwise.	ed in contract or tort, shall be limited to the amount paid by the client for the minution of the client for the minution of the client for the minution of the state of the client of the client state of the client is subsidiaried interruptions, loss of use, or loss of profits incurred by client, its subsidiaried interruptions, loss of use, or loss of profits incurred by client, its subsidiaried interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	by the client for the completion of the applicable ant, its subsidiaries, sons or otherwise.		×
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Sampler - UPS - Bus - Other: C	Corrected Temp. °C	Š	Thermometer ID #140 QUI		es Corrected Temp °C



May 23, 2024

EMILY WOOSLEY

INTERA, INC.

6000 UPTOWN BLVD, NE SUITE 220

ALBUQUERQUE, NM 87110

RE: OCD REED ESTATE

Enclosed are the results of analyses for samples received by the laboratory on 05/22/24 16:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is 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:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/22/2024 Sampling Date: 05/21/2024
Reported: 05/23/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: ** (See Notes)
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

A ... - L ... - - - I D. .. MC

Project Location: OCD REED ESTATE

Sample ID: SB - 17 (21.5-24) (H242854-01)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.03	102	2.00	3.71	
Toluene*	<0.050	0.050	05/23/2024	ND	2.12	106	2.00	4.06	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.07	103	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.44	107	6.00	3.77	
Total BTEX	<0.300	0.300	05/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/23/2024	ND	448	112	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	05/23/2024	ND	180	89.8	200	7.66	
DRO >C10-C28*	311	10.0	05/23/2024	ND	175	87.5	200	4.66	
EXT DRO >C28-C36	212	10.0	05/23/2024	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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Celey D. Keene



05/22/2024

Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/22/2024 Sampling Date:

Reported: 05/23/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: ** (See Notes)
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

Project Location: OCD REED ESTATE

Sample ID: SB - 17 (41-44) (H242854-02)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.03	102	2.00	3.71	
Toluene*	<0.050	0.050	05/23/2024	ND	2.12	106	2.00	4.06	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.07	103	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.44	107	6.00	3.77	
Total BTEX	<0.300	0.300	05/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	14						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/23/2024	ND	448	112	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	05/23/2024	ND	180	89.8	200	7.66	
DRO >C10-C28*	38.7	10.0	05/23/2024	ND	175	87.5	200	4.66	
EXT DRO >C28-C36	33.7	10.0	05/23/2024	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	18						

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Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/22/2024 Sampling Date: 05/22/2024

Reported: 05/23/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: ** (See Notes)
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: OCD REED ESTATE

Sample ID: SB - 10 (23-25) (H242854-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.03	102	2.00	3.71	
Toluene*	<0.050	0.050	05/23/2024	ND	2.12	106	2.00	4.06	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.07	103	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.44	107	6.00	3.77	
Total BTEX	<0.300	0.300	05/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/23/2024	ND	448	112	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	05/23/2024	ND	180	89.8	200	7.66	
DRO >C10-C28*	16.8	10.0	05/23/2024	ND	175	87.5	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

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Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Received: 05/22/2024 Sampling Date: 05/22/2024

Reported: 05/23/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: ** (See Notes)
Project Number: NMGSD.M005.OCD.REED Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: OCD REED ESTATE

Sample ID: SB - 10 (9.5-12) (H242854-04)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.03	102	2.00	3.71	
Toluene*	<0.050	0.050	05/23/2024	ND	2.12	106	2.00	4.06	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.07	103	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.44	107	6.00	3.77	
Total BTEX	<0.300	0.300	05/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	05/23/2024	ND	448	112	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	05/23/2024	ND	180	89.8	200	7.66	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	175	87.5	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

Time: Standard Bacteria (only) Sample Condution Rush Cool Intact Observed Temp. °C Description On No Corrected Temp. °C	CHECKED BY: Turnaround Time: (Initials) Thermometer ID #1	Sample Condition Cool Intact Uyer 4 Yes	Observed Temp. °C C, (Delivered By: (Circle One)
	_		Time:	
	REMARKS:	Received By:		Relinquished By:
Janamore a INTERA-Com	Selection of the select	Musera Mil	Time; SCL	Pearl &
SUBSTITUTE STATE AND	Verbal Result:	dinal, regardless of whet. Such claim is based upon any or the above stated Received By:	ons arising out of or related to the performance of services hereunder by Cardinal, regardless of whete.	Relinquished By:
ppiicatie	dinal within 30 days after completion of the ap s of profits incurred by client, its subsidiaries,	TLEASE MV IE. Leauny and Jermany and Jerman	and any other cause whatsoever shall be deer idental or consequental damages, including with	analyses. All claims including those for negligence service. In no event shall Cardinal be liable for incidence.
	mited to the amount paid by the client for the	The success of the su	s liability and client's exclusive remedy for any c	PLEASE NOTE: Linklik and Damages Cardinal's
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		City:	MM 650 NOO5 OCT Project Owner:	Project #: NNGSD. NOO
		Address:	1600 Fax #:	Phone #: 505 246 1600
		o: 87110 Attn:	State: NM Zip:	City: Al buguerque
		STE 700 Company:	Blud NE	Address: 2440 Louisians
	TOTTER!	Galanere P.O.#:	cy / Joc	Project Manager: Fmily U
ANALYSIS REQUEST	BILL TO		NITERA Inc	Company Name: T N TE
			(575) 393-2326 FAX (575) 393-2476	(575) 393-2



May 30, 2024

EMILY WOOSLEY

INTERA, INC.

6000 UPTOWN BLVD, NE SUITE 220

ALBUQUERQUE, NM 87110

RE: OCD REED ESTATE

Enclosed are the results of analyses for samples received by the laboratory on 05/23/24 16:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is 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:

INTERA, INC. **EMILY WOOSLEY** 6000 UPTOWN BLVD, NE SUITE 220 ALBUQUERQUE NM, 87110 Fax To: (505) 246-2600

Received: 05/23/2024 Sampling Date: 05/22/2024

Reported: 05/30/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 04 (2-4.5) (H242897-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2024	ND	1.90	94.8	2.00	11.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.94	97.2	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.93	96.5	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.06	101	6.00	10.4	
Total BTEX	<0.300	0.300	05/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/30/2024	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	05/24/2024	ND	219	109	200	0.853	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	220	110	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					
Surrogate: 1-Chlorooctane	117 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celecy D. Keene



Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Analyzed By: MS

Received: 05/23/2024 Sampling Date: 05/23/2024

Reported: 05/30/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 04 (21-24) (H242897-02)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2024	ND	1.90	94.8	2.00	11.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.94	97.2	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.93	96.5	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.06	101	6.00	10.4	
Total BTEX	<0.300	0.300	05/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/30/2024	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	05/24/2024	ND	219	109	200	0.853	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	220	110	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Analyzed By: MS

Received: 05/23/2024 Sampling Date: 05/23/2024

Reported: 05/30/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 08 (11-13) (H242897-03)

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	05/25/2024	ND	1.90	94.8	2.00	11.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.94	97.2	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.93	96.5	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.06	101	6.00	10.4	
Total BTEX	<0.300	0.300	05/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/30/2024	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	05/24/2024	ND	219	109	200	0.853	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	220	110	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

INTERA, INC. **EMILY WOOSLEY** 6000 UPTOWN BLVD, NE SUITE 220 ALBUQUERQUE NM, 87110 Fax To: (505) 246-2600

Received: 05/23/2024 Sampling Date: 05/23/2024

Reported: 05/30/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact Project Number: Sample Received By: NMGSD.M005.OCD.REED Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 08 (18-20) (H242897-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2024	ND	1.90	94.8	2.00	11.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.94	97.2	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.93	96.5	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.06	101	6.00	10.4	
Total BTEX	<0.300	0.300	05/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/30/2024	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	05/24/2024	ND	219	109	200	0.853	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	220	110	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					
Surrogate: 1-Chlorooctane	126 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Analyzed By: MS

Received: 05/23/2024 Sampling Date: 05/23/2024

Reported: 05/30/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 06 (10-12.5) (H242897-05)

BTEX 8021B

BIEX 8021B	ilig/	rky .	Allalyze	u by. Mo					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2024	ND	1.90	94.8	2.00	11.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.94	97.2	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.93	96.5	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.06	101	6.00	10.4	
Total BTEX	<0.300	0.300	05/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/30/2024	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	05/24/2024	ND	219	109	200	0.853	
DRO >C10-C28*	24.7	10.0	05/24/2024	ND	220	110	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 49.1-14	8						

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Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Analyzed By: MS

Received: 05/23/2024 Sampling Date: 05/23/2024

Reported: 05/30/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 06 (15-17) (H242897-06)

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	05/25/2024	ND	1.90	94.8	2.00	11.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.94	97.2	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.93	96.5	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.06	101	6.00	10.4	
Total BTEX	<0.300	0.300	05/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/30/2024	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	05/24/2024	ND	219	109	200	0.853	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	220	110	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Analyzed By: MS

Received: 05/23/2024 Sampling Date: 05/23/2024

Reported: 05/30/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 26 (4-6) (H242897-07)

BTEX 8021B

	9/	9	71.14.1, = 0	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2024	ND	1.90	94.8	2.00	11.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.94	97.2	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.93	96.5	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.06	101	6.00	10.4	
Total BTEX	<0.300	0.300	05/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/30/2024	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	05/24/2024	ND	219	109	200	0.853	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	220	110	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Analytical Results For:

INTERA, INC.
EMILY WOOSLEY
6000 UPTOWN BLVD, NE SUITE 220
ALBUQUERQUE NM, 87110
Fax To: (505) 246-2600

Analyzed By: MC

Received: 05/23/2024 Sampling Date: 05/23/2024

Reported: 05/30/2024 Sampling Type: Soil

Project Name: OCD REED ESTATE Sampling Condition: Cool & Intact
Project Number: NMGSD.M005.OCD.REED Sample Received By: Alyssa Parras

Project Location: OCD REED ESTATE

Sample ID: SB - 26 (12-14.5) (H242897-08)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2024	ND	1.90	94.8	2.00	11.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.94	97.2	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.93	96.5	2.00	10.9	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.06	101	6.00	10.4	
Total BTEX	<0.300	0.300	05/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/30/2024	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	05/24/2024	ND	219	109	200	0.853	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	220	110	200	3.08	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

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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Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(313) 333-2320	TAX (010) 000 ZT	•								-	-	Street, or other Designation of the last	
Company Name:	TNIERA	130			BILL	BILL TO				ANA	ANALYSIS REQUEST	UESI		
Project Manager:	Emily	W0015Cy/TOO	(sa) comerce	P.O.	0.#: TN	TEAH			_		_		_	
Address: 2440	Lovisi	Blud	NE STE	700	Company:				_					
city: Ally	Albuduarque	State: NM Z	Zip: 87110	Attn:	tn:			_		_		_		
Phone #: 50 S	346 1600	Fax #:		Ad	Address:							_		
Project #: NM	Project #: NM 6 50 - M - 105.605	> Project Owner:		Ci	City:			_				_		
Project Name:	OCO Res	L Contacte		St	State: Zip:	p:)						
Project Location:	ñ	١ ،		PH	Phone #:			30	(_		_
Sampler Name:	Pedro (x hener/	Brica	Fa	Fax #:		L	50				_		
FOR LAB USE ONLY				MATRIX	PRESERV.	SAMPLING		801						
Lab I.D.	Sample I.D.		AB OR (C)O DINTAINERS DUNDWATE STEWATER		D/BASE: / COOL \times HER :		0.5	TPH:	BIEX					
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PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Ca	d Damages. Cardinal's liability an g those for negligence and any o rdinal be liable for incidental or c	PLEASE 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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including within attention, business interruptions, loss of use, or loss of profile incurred by place it, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without many claims. It is a consequent to the contract of the above stated reasons or otherwise.	y claim arising wheth semed waived unless without limitation, bus	er based in contract or to s made in writing and rec siness interruptions, loss	ort, shall be limited to the eived by Cardinal within of use, or loss of profits of use.	ne amount paid by the mount paid by the mount paid by the corresponding to the corresponding	he client for the pletion of the appletion of the applets subsidiaries, for otherwise	plicable						
Relinquished By:	ed By: /	Date:	Received By:	y:			Verbal Result:		CO III	Add	Add'I Phone #:			
Thee to &	1	Time: So	20	die		A	All Results are emailed.	e emaile	Δ.	had r	addres	NTER	TN7でもよく6つ	
Relinquished By		Date: Time:	Received By:	y:			REMARKS:		•		`			
Delivered By: (Circle One)	rcle One)	Observed Temp. C	117	Sample Condition Cool Intact	오		Turnaround Time:	ime:	Standard Rush		Bacteria (only) Sample Condition Cool Intact Observed Temp.	(0)	Sample Condition Observed Temp. °C	
Sampler - UPS - Bus - Other:	Bus - Other:	Corrected Temp. °C	_	Tres La Tes	P) =	ermometer in	14110	, +=				1	_

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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 354891

CONDITIONS

Operator:	OGRID:
HAL J RASMUSSEN OPER INC	9809
PO Box 10851	Action Number:
Midland, TX 79702	354891
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
bhall	Accepted as additional delineation information for the completion of the remediation plan (dig and haul).	6/17/2024