OWL Landfill Services, LLC
(dba) Northern Delaware Basin Landfill
8201 Preston Rd. Suite 520
Dallas, Texas 75225
(214) 292-2011

Date: August 26, 2025

Mr. Joesph Kennedy
EMNRD Oil Conservation Division
1220 S. Saint Francis Dr.
Santa Fe, NM 87505

RE: Annual Reporting
OWL Landfill Services, LLC, (dba) Northern Delaware Basin Landfill, Lea County, New Mexico
Commercial Surface Waste Management Facility Permit NM1-63. Section 23, Township 24 South, Range 33 East NMPM, Lea County, New Mexico dated 08/17/2017

Dear Mr. Jones:

As part of our Commercial Surface Waste Management Facility Permit NM1-63, located in Lea County, New Mexico, OWL Landfill Services, LLC is required to submit an annual report to the Oil Conservation Division (OCD) by September 1st of each year, providing information for the preceding year.

Section 2, General Facility Operations, Item D, specifically states:

> **Annual Report.** The operator must submit an annual report to the OCD by September 1st of each year providing the following information for the preceding year: 1) all inspection forms including those for leak detection systems along with analytical results, 2) hydrogen sulfide monitoring results, 3) process piping integrity test results, 4) training records, 5) complaint logs and resolutions, and 6) a summary of the nature and amount of any reportable releases.

To address this requirement, I would like to offer the following as it pertains to Section 2, D of our Commercial Surface Waste Management Facility Permit:

1) **All inspection forms including those for leak detection systems along with analytical results**

   All leak detection systems were inspected in accordance with the facility operating permit. The inspection forms are kept at the site and available for review upon request and are attached for your records.
   In 2024, during monthly inspections, there were no reported fluids in the leak detection sumps when checked at the drying pad, pond, landfill cell 1, 2,3,4, or 5. Therefore there are no analytical results to present.

2) Hydrogen Sulfide monitoring results

H2S monitors that issue a visual and audible signal at 10 ppm are installed in areas around the solid waste disposal cells, treating plant, liquid solidification, evaporation pond and site boundary to ensure compliance with regulatory alert levels. Monitoring points may be added or replaced as operations are extended. The H2S monitoring system which monitors the site and cycles multiple times per day is tested and calibrated monthly by a third-party vendor, Safety Solutions, LLC out of the Midland, TX office. Incoming waste loads are also checked at the point of unloading at the mud plant and the results are entered into our Point-of-Sale system. Each load of incoming waste has the results of the monitoring, either pass or fail, and can be viewed at any time on-site. Further, ANY load detected of 1 PPM or greater is rejected and immediately taken off site. Additionally, each OWL employee is issued a personal H2S Monitor to wear under circumstances where H2S may be present, including when they are testing or unloading materials that may contain H2S.
While the option exists to treat incoming waste loads containing H2S, it is the operating policy to reject loads that contain H2S of 1 PPM or greater to further protect the employees and public which utilize the site.
It should be noted that the site conducts training on the dangers of H2S and basic operational safeguards as per the Hydrogen Sulfide (H2S) Prevention Contingency Plan in Part II, as described in the site's permit application. This training is site specific and conducted in accordance with Parts 19.15.36 and 19.15.11 NMAC, specifically 19.15.11.9, B, (2)(d) (see below training records section).
In addition to monitoring incoming loads for H2S, vadose zone monitoring wells are monitored twice annually for the presence of methane and H2S as part of routine subsurface monitoring as described in the Vadose Zone Monitoring Plan (results of monitoring are attached).

3) Process piping integrity test results

It is a matter of daily operations that the employees working the site inspect the process piping daily, weekly, and monthly for leaks in welded joints, loose fittings and flanged connections and immediately report the issue for prompt correction.
As part of the monthly inspections, the site personnel walk / inspect the process piping and note deficiencies if found, and immediately address the issue. In 2024, there have been no process piping failures and no integrity issues noted.

4) Training records

Training is completed by a third-party safety company, Got Safety, LLC out of Hobbs, NM. While not conducted on a normal monthly routine schedule, all employees received their annual training requirements in 2024. Attached you will find a list of the annual training each employee received.
Although we do not have production wells or facilities on site that have the potential to release H2S, we are somewhat concerned about surrounding facilities that could have a potential fugitive release of H2S gas. To address this, the site put together a training program that directly relates to this requirement. The training identifies the essential personnel and their duties, emergency notification, inspection of incoming wastes and employee responsibility, muster points and drills relating to fugitive H2S, potential on-site issues, waste identification and general site operations. The sign in sheet for this training and annual SWPPP training is attached to this report.

5) **Complaint logs and resolutions**

OWL is to provide complaint logs and resolutions if any are reported. For the period of January 2024, through December 2024, there were no complaints noted on the log.

6) **Summary of the nature and amount(s) of any reportable releases**

OWL is to provide a summary of the nature and amount(s) of any reportable releases if any occur. Releases, if any occurrences, are to be reported both verbally and timely written notice on Form C141. For the period of January 2024 through December 2024, there were no reportable releases, therefore no notice, either verbally or written was required.
Accordingly, OWL cannot submit a summary of the nature and amount(s) of any reportable releases (if any) as required for the preceding year, as there have not been any reportable releases associated with the operation of the facility for the reporting year.

7) **CPC Cost Estimate(s)**

In order to satisfy condition H1 of the permit, the CPC Cost Estimate for closure and post closure costs for 2025 is provided herein. The latest data on the Bureau of Labor Statistics is July 2025, and was used for the CPI-U increase. Our current bond runs through October 2025 and will be renewed as scheduled. Once the bond is renewed in October, we will send the bond via certified mail to the OCD.

In addition to the above, there have not been any NORM wastes accepted at the facility, there have been no disposal wells incorporated into facility operations, no increases in the land area the facility occupies, no change in the design capacity, nor has there been any change in the nature of oilfield waste streams or additions of new treatment processes.

OWL Landfill Services. LLC is committed to the safety of the public, our employees, and the environment and will operate in a productive, responsible manner. The OWL Facility is designed in compliance with 19.15.36 NMAC, has been constructed and being operated in compliance with our Surface Waste Management Facility Permit NM1-63.

If you have any further questions or feel this letter does not serve its intended purpose of reporting for the preceding year, you may contact Zach Ramos at (575) 631-2680 or by e-mail at zramos@ndblandfill.com. On behalf of OWL Landfill Services, LLC, I wish to thank you in advance for your continued support of this facility.

Sincerely,

Zach Ramos
President
OWL Landfill Services, LLC

ATTACHMENT II.4.D.1
CLOSURE/POST-CLOSURE
COST ESTIMATE SUMMARY - September 2025 Update
OWL Landfill Services, LLC

TASK	COST ESTIMATE
1.0 LANDFILL CLOSURE CONSTRUCTION	**$1,446,695**
2.0 LANDFILL MAINTENANCE	**$455,895**
3.0 ENVIRONMENTAL MONITORING	**$165,000**
4.0 POND AND PROCESSING AREA CLOSURE (see Att. II.4.D.5)	**$607,157**
5.0 POND AND PROCESSING AREA MAINTENANCE	**$34,700**
APRIL 2025 TOTAL COST ESTIMATE	$2,709,447
CPI-U Increase April 2025-July 2025	**0.70%**
2025 TOTAL COST ESTIMATE	$2,728,475

ATTACHMENT II.4.D.2
PHASE I LANDFILL CLOSURE CONSTRUCTION
CLOSURE COST ESTIMATE - 2025 Update
OWL Landfill Services, LLC Landfill (Cells 1A-5A & 1B/2B) = Total 57.8 acres

TASK 1.0	Unit Quantity	Unit	Unit Cost	Total Cost
1.1 Final Cover Installation (See Note 5)				
1.1.1 Install and compact 12" Intermediate Cover Layer	93,251	CY	$3.31	$308,660
1.1.2 Install and compact 6" Barrier Layer	46,625	CY	$4.54	$211,679
1.1.3 Install 24" Vegetative Layer	186,501	CY	$3.24	$604,264
1.1.4 Vegetative Layer Seeding (Class A)	57.8	AC	$1,933.00	$111,727
			Task Subtotal	**$1,236,330**
1.2 Final Cover CQA				
1.2.1 Inspection and Testing	1	LS	$65,705	$65,705
1.2.2 Certification	1	LS	$13,142	$13,142
			Task Subtotal	**$78,847**
			TASK TOTALS	**$1,315,177**
Independent Project Manager and Contract Administration Cost (10% of Task Totals)				$131,518
			TOTAL COST	**$1,446,695**

Notes:

1. Phase I closure costs (Now 57.8 ac) are based on contracting with a qualified third party to complete and certify closure. The activities included in this cost estimate are based on current dollars, previous experience with landfills located in arid climates, and current subcontractor costs.
2. Final cover installation costs assume that: The greatest area requiring final cover is 42.8 acres and all soils necessary for closure are available on-site
3. CY = Cubic Yard, AC = Acre, LS = Lump Sum
4. Due to the perimeter location there is no final cover "crown" and related geosynthetic layers in Unit 1.
5. Previous year yardage calculations were overestimated and corrected this year

ATTACHMENT II.4.D.3
PHASE I LANDFILL MAINTENANCE
POST-CLOSURE COST ESTIMATE - 2025 Update
OWL Landfill Services, LLC

TASK 2.0	Unit Quantity	Unit	Unit Cost	Total Cost Per Year	Total Cost For 30 Years
2.1 Final Cover Inspection and Reporting					
2.1.1 Inspection	2	events/yr	$1,310	$2,620	$78,600
2.1.2 Recordkeeping and Reporting	2	events/yr	$525	$1,050	$31,500
			Task Subtotals	**$3,670**	**$110,100**
2.2 Final Cover Maintenance					
2.2.1 Cover Maintenance	1	AC/yr	$1,310	$1,310	$39,300
2.2.2 Vegetation	2	AC/yr	$1,930	$3,860	$115,800
			Task Subtotals	**$5,170**	**$155,100**
2.3 Leachate System					
2.3.1 Inspection/Repair	1	events/yr	$525	$525	$15,750
2.3.2 Disposal	1	events/yr	$1,290	$1,290	$38,700
			Task Subtotals	**$1,815**	**$54,450**
2.4 Surface Water Management Systems					
2.4.1 Inspection/Repairs	2	events/yr	$790	$1,580	$47,400
			Task Subtotals	**$1,580**	**$47,400**
2.5 Fencing					
2.5.1 Inspection/Repairs	2	events/yr	$790	$1,580	$47,400
			Task Subtotals	**$1,580**	**$47,400**
			TASK TOTALS	**$13,815**	**$414,450**
			Independent Project Manager and Contract Administration Cost (10% of Task Totals)	$1,382	$41,445
			TOTAL COST	**$13,815**	**$455,895**

Notes:

1. Phase I post-closure maintenance costs are based on contracting with a qualified third party to conduct post-closure care maintenance for the landfill. The activities included in this cost estimate are based on current dollars, previous experience with landfills located in arid climates, and current subcontractor costs.
2. AC = Acre
   LS = Lump Sum

ATTACHMENT II.4.D.4
PHASE I ENVIRONMENTAL MONITORING
POST-CLOSURE COST ESTIMATE - 2025 Update
OWL Landfill Services, LLC

TASK 3.0	Unit	Unit	Unit	Total Cost	Total
3.1.1 Field Services/Lab Analysis/Reporting (30 years)	1	events/yr	$3,025	$3,025	$90,750
			Task Subtotal	**$3,025**	**$90,750**
3.2 NPDES Monitoring					
3.2.1 Field Services/Reporting (30 years)	1	events/yr	$1,975	$1,975	$59,250
			Task Subtotal	**$1,975**	**$59,250**
			TASK TOTALS	**$5,000**	**$150,000**
			Independent Project Manager and Contract Administration Cost (10% of Task Totals)	$500	$15,000
			TOTAL COST	**$5,500**	**$165,000**

Notes:

1. Phase I closure costs are based on contracting with a qualified third party to conduct post-closure monitoring for the landfill. The activities included in this cost estimate are based on current dollars, previous experience with landfills located in arid climates, and current subcontractor costs.
2. Assume no water in vadose wells (i.e., sampling and analysis costs not included).

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ATTACHMENT II.4.D.5
PHASE I POND AND PROCESSING AREA CLOSURE CONSTRUCTION
CLOSURE COST ESTIMATE - 2025 Update
OWL Landfill Services, LLC

Task 4.0	Units	Unit Cost	Total (28 acres)	
			Quantity	Cost
4.1 Evaporation Pond				
4.1.1 Liquids Transport/Disposal				
4.1.1.1 Transport Liquid	bbl	$2.32	340	$ 789
4.1.1.2 Disposal Liquids	bbl	$1.27	340	$ 432
4.1.1.3 Remove/Transport Sludge	ton	$8.57	4,840	$ 41,479
4.1.1.4 Disposal Sludge	ton	$19.74	4,840	$ 95,542
4.1.1.5 Liner Removal/Transport	CY	$5.28	235	$ 1,241
4.1.1.6 Disposal Liner	CY	$5.61	235	$ 1,318
			Task Subtotal	**$ 140,800**
4.1.2 Pond Backfill and Contouring				
4.1.2.1 Soil On-site	CY	$1.36	0	$ -
4.1.2.2 Place and Compact Soil	CY	$3.96	21,500	$ 85,140
			Task Subtotal	**$ 85,140**
4.1.3 Sampling	each	$263	319	$ 83,993
4.1.4 Seeding	acres	$1,971	28	$ 55,188
			Task Subtotal	**$ 139,181**
Pond Closure Subtotal:			**$**	**365,121**
4.2 Site Work				
4.2.1 Tank Removal		LS	$	55,315
4.2.2 Building Removal		LS	$	32,855
4.2.3 Process Equipment Removal		LS	$	32,855
4.2.4 Earthwork		LS	$	13,145
Site Work Subtotal:			**$**	**134,170**
4.3 Engineering				
4.3.1 CQA/Certification		LS	$	52,670
Engineering Subtotal:		LS	**$**	**52,670**
4.4 Totals				
4.4.1 Subtotal			$	551,961
4.4.2 Adminstration Cost (10%)			$	55,196
Total:			**$**	**607,157**

Notes:

1. Phase I closure costs are based on contracting with a qualified third party to complete and certify closure.
2. Assume 1,000 gallons of residual water in each pond transported up to 50 miles for disposal.
3. Assume 6" of sludge remaining in each pond at closure transported up to 50 miles for disposal.
4. Site Sampling is conducted during the CQA phase.
5. CY = Cubic Yard
   LS = Lump Sum

ATTACHMENT II.4.D.6
PHASE I POND AND PROCESSING AREA MAINTENANCE
POST-CLOSURE COST ESTIMATE - 2025 Update
OWL Landfill Services, LLC

TASK 5.0	Unit Quantity	Unit	Unit Cost	Total Cost Per Year	Total Cost For 3 Years
5.1 Surface Inspection and Reporting					
5.1.1 Inspection	2	events/yr	$1,315	$2,630	$7,890
5.1.2 Recordkeeping and Reporting	2	events/yr	$525	$1,050	$3,150
			Task Subtotals	**$3,680**	**$11,040**
5.2 Surface Maintenance					
5.2.1 Cover Maintenance	1	AC/yr	$1,315	$1,315	$3,945
5.2.2 Vegetation	2	AC/yr	$1,970	$3,940	$11,820
			Task Subtotals	**$5,255**	**$15,765**
5.3 Fencing					
5.3.1 Inspection/Repairs	2	events/yr	$790	$1,580	$4,740
			Task Subtotals	**$1,580**	**$4,740**
			TASK TOTALS	**$10,515**	**$31,545**
			Independent Project Manager and Contract Administration Cost (@ 10%)	$1,052	$3,155
			TOTAL COST	**$10,515**	**$34,700**

Notes:

1. Phase I post-closure maintenance costs are based on contracting with a qualified third party to conduct post-closure care/maintenance for the Processing Area. The activities included in this cost estimate are based on current dollars, previous experience with closures located in arid climates, and current subcontractor costs.
2. AC = Acre
   LS = Lump Sum

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Parkhill

June 12, 2024

Mr. Tim Shreve
Director of Landfill Operations, NDBL
OWL Landfill Services, LLC
2029 W. NM Hwy 128
Jal, NM 88252

Re: 42881.24 Northern Delaware Basin Landfill
Surface Waste Disposal Facility – NMOSE Permit No. NM1-63
Vadose Zone Monitoring Well Data, April 24, 2024, Monitoring Event
Lea County, New Mexico

Dear Mr. Shreve:

Enclosed with this letter are copies of depth to shallowest groundwater measurements and soil vapor field screening data collected from vadose zone monitoring wells at the Northern Delaware Basin Landfill (NDBL) on April 24, 2024 (Exhibit A). Vadose zone water was not detected in significant, sampleable quantities in the vadose wells at NDBL during the April 2024 event (i.e., de minimis quantities).

Vadose water was not present in quantities sufficient to be purged and collected for analysis as described in the requirements for Vadose Zone Monitoring set forth in Permit No. NM1-63 (August 17, 2017), and the Vadose Zone Monitoring Plan (Volume II.9) of the October 2016 facility Permit Application. Soil vapor samples were collected from each of the 10 vadose zone wells installed at the landfill (VZ-1 through VZ-10).

Results of those soil vapor screenings are provided as Exhibit C. The instrument utilized in soil vapor sampling and analysis (LANDTEC GEM5000) indicated very low levels of hydrogen sulfide in several of the vadose wells as monitoring progressed throughout the monitoring day. The detections of H_2S in vapor samples analyzed are within the instrument's acceptable error of ±2% for this constituent or are a result of instrument drift as it continues to operate through the day and its sensors warm up.

VADOSE WATER MONITORING AND MEASUREMENT

Vadose water was not detected in sufficient quantities in the 10 vadose wells shown in Exhibit B. Water detected was insufficient to purge and collect representative samples (i.e., water column ranging from 1.6 feet to less than three inches) and is believed to be a result of condensation collecting in the bottom of the well. Therefore, samples were not collected during this monitoring event.

HISTORIC WATER MEASUREMENTS AND POTENTIAL SOURCES OF VADOSE WATER

Well VZ-4 and VZ-5

Wells VZ-4 and VZ-5 are located in areas immediately adjacent to natural depressions that collect stormwater as a result of natural surface water flow and accumulation during storm events. This results in accumulation of surface water during storm events and infiltration of that stormwater into the vadose zone. The area is mapped with closed depressions, and aerial photos indicate the presence of well-established green vegetation. For this event, the measured water column in each well was insufficient to purge and collect a sample for analysis (i.e., de minimis quantities)

333 Rio Rancho Boulevard NE | Suite 400 | Rio Rancho, New Mexico 87124 | 505.867.6990 Parkhill.com

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Well VZ-6

Water was not present in VZ-6 upon installation in August 2019 and was not detected during the February 2020 vadose zone monitoring event by Parkhill. During the May and October 2023 monitoring events, perched water was detected at a depth of 33.20 and 33.21 feet BTOC, respectively. During a follow-up site visit by Parkhill on August 17, 2023, the suspected source of water in well VZ-6 was thought to be a persistent leak from a water supply line positioned approximately 50 feet east-northeast of VZ-6. The presence of moisture and indications of leakage from the supply line were observed, and brought to the attention of NDBL management. The leak was stopped on August 19, 2023, and the ground surface in the area has remained dry since. During the April 2024 monitoring event, the ground surface in the vicinity of the supply line remained dry and no evidence of further leakage and infiltration were present. Additionally, water was detected at a depth of 60.5 feet BTOC in VZ-6, indicating that the discovery and remedy of that supply line leak has removed the perched water source for this monitoring point, and water levels in this well have returned to de minimis levels.

NDBL will continue to monitor all vadose wells on site semiannually for the presence of water, and collect samples when water is detected in sufficient quantities. NDBL will also monitor for leakage in their water supply network and make efforts to grade the site such that surface water is directed away from VZ-6 to prevent unnecessary infiltration of surface and supply waters into the vadose zone in the vicinity of the well.

Average annual rainfall in the area around NDBL is approximately 13.37 inches per year (1981-2010 average) as reported by the Western Regional Climate Center for the Jal, WIPP and Ochoa Co-op Stations. two personal weather stations near NDBL (El Capitan and Red Hills) have recorded a 12-month total rainfall of approximately 9" of precipitation through April 2024, which is significantly lower than annual average, but both stations show a wetter than typical May and June (Exhibit D).

As required by 19.15.36.13.L.(1), NDBL has performed monthly inspection of the facility's leak detection sumps, and all have been found to be dry.

If you have any questions regarding this transmittal, feel free to contact me at 505.504.7765.

Sincerely,

PARKHILL

By _____
Andy N. Yuhas, PG
Professional Geologist

ANY/pg
Enclosures:
Exhibit A: Site Location Map
Exhibit B: Site Plan/VZM Network Map
Exhibit C: VZM Well Soil Vapor Screening Results
Exhibit D: Nearby Weather Station Precipitation Data

cc: Mr. Matt Kingsley, PE, Principal, Parkhill

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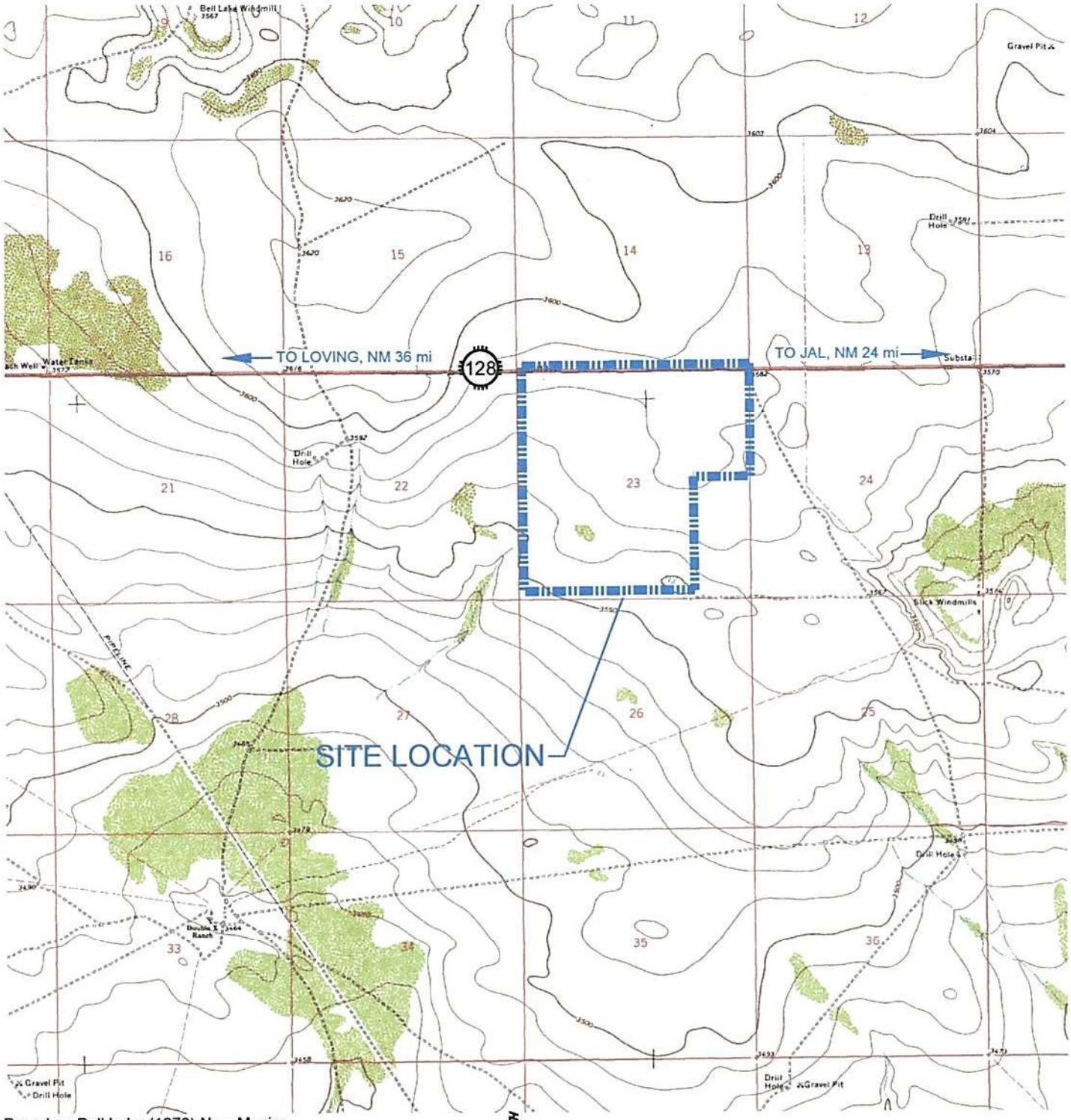
EXHIBIT A: SITE LOCATION MAP



Based on Bell Lake (1973) New Mexico Quadrangle. USGS 7.5' Series (1:24,000 Scale).

NORTH

0' 1,000'

LEGEND

SITE BOUNDARY

FILE NAME: \\projects-dfs\projects\2024\42881.24\03_DSGN\01_DWG\050_CIVIL\02_CONTENT\EX-A_SITE-LOC-MAP.dwg PRINTED: Wednesday, June 05, 2024 - 11:59am

Parkhill

Parkhill.com

SEMI-ANNUAL VADOSE ZONE MONITORING

OWL NDBL SWMF

JAL, NEW MEXICO

SITE LOCATION MAP

Date: 06/05/2024

Project No: 42881.24

Sheet: EXHIBIT A

EXHIBIT B: SITE PLAN/VZM NETWORK MAP

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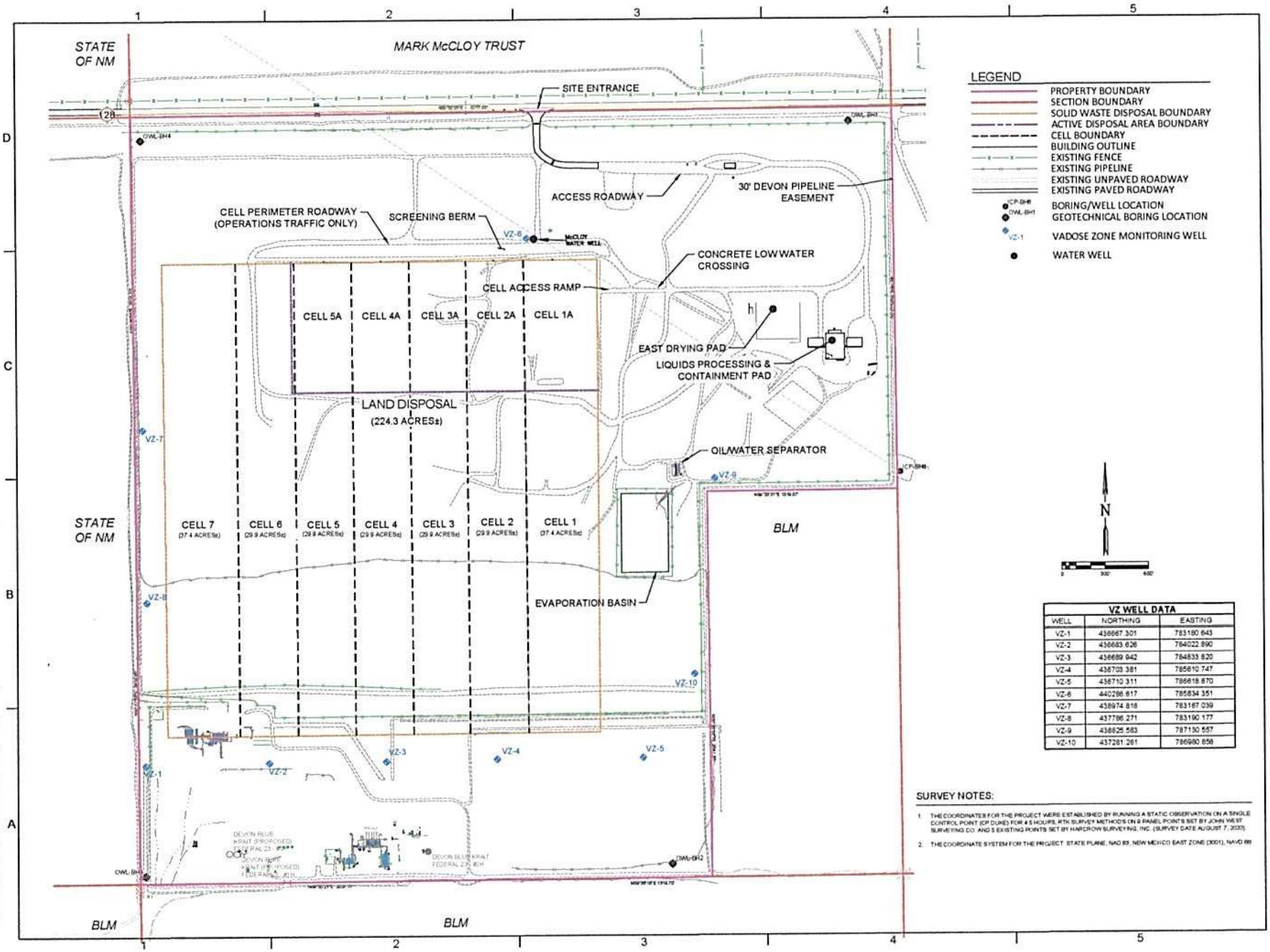

LEGEND

- PROPERTY BOUNDARY
- SECTION BOUNDARY
- SOLID WASTE DISPOSAL BOUNDARY
- ACTIVE DISPOSAL AREA BOUNDARY
- CELL BOUNDARY
- BUILDING OUTLINE
- EXISTING FENCE
- EXISTING PIPELINE
- EXISTING UNPAVED ROADWAY
- EXISTING PAVED ROADWAY
- CP-BH6 / OWL-BH1 — BORING/WELL LOCATION GEOTECHNICAL BORING LOCATION
- VZ-1 — VADOSE ZONE MONITORING WELL
- WATER WELL

N

0 300' 600'

VZ WELL DATA

WELL	NORTHING	EASTING
VZ-1	436667.301	783180.643
VZ-2	436683.626	784022.890
VZ-3	436689.942	784833.820
VZ-4	436703.381	785610.747
VZ-5	436710.311	786618.870
VZ-6	440286.617	785834.351
VZ-7	438974.818	783167.039
VZ-8	437786.271	783190.177
VZ-9	438625.583	787130.557
VZ-10	437281.261	786980.656

SURVEY NOTES:

1. THE COORDINATES FOR THE PROJECT WERE ESTABLISHED BY RUNNING A STATIC OBSERVATION ON A SINGLE CONTROL POINT (CP DUKE) FOR 4.5 HOURS. RTK SURVEY METHODS ON 9 PANEL POINTS SET BY JOHN WEST SURVEYING CO. AND 5 EXISTING POINTS SET BY HARCROW SURVEYING, INC. (SURVEY DATE AUGUST 7, 2020).
2. THE COORDINATE SYSTEM FOR THE PROJECT: STATE PLANE, NAD 83, NEW MEXICO EAST ZONE (3001), NAVD 88

Parkhill

Parkhill.com

OWL NDBL SWMF ENVIRONMENTAL MONITORING NETWORK

OILFIELD WATER LOGISTICS

CLIENT
OWL LANDFILL SERVICES, LLC.
2029 W. NM Hwy 128
JAL, NM 88252
LEA COUNTY

PROJECT NO.
#072023

#	DATE	DESCRIPTION
1	10/11/2023	MONITORING REPORT

SITE PLAN/ VZM NETWORK MAP

EXHIBIT B

Received by OCD: 9/17/2025 9:33:18 AM

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EXHIBIT C: VZM WELL SOIL VAPOR SCREENING RESULTS

Vadose Zone Well Vapor Monitoring Form

OWL Landfill Services, LLC

Monitoring Personnel Matt Kingsley **Date** April 24, 2024

Weather Information

Date, Amount of Last Precipitation:

Temp: 78 °F
Wind Speed: 5 mph
Wind Direction: From East
Barometric Pressure: 29.98 inches mercury (Hg)
Weather Conditions: Cloudy, Sunny, Calm

Casing Volume (ft^3) = Radius $(ft)^2 \times \pi \times$ TD (ft)

Calculated Casinng Volume	
Casing Diameter	Casing Vol/ft
2-inch	0.0218 ft^3/ft
4-inch	0.0873 ft^3/ft

Equipment Information

Monitoring Equipment Used: GEM5000 s/n GS07609
Date and Time Last Calibrated: 6/29/2023

Well I.D.	Well Diameter (inches)	Total Well Depth (ftbtoc)	Casing Volume (ft^3)	Purge Start Time	Elapsed Purge Time (min)	Well Vapor Measurements Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Hydrogen Sulfide Gas (ppm)	Comments
VZ-1	2	51.23		10:25	5	20.9	0.05	0.0	1 ppm	DTW 51.0
VZ-2	2	43.99		10:00	5	19.8	0.6	0.0	1 ppm	Dry
VZ-3	2	42.09		9:30	5	20.1	0.4	0.0	0 ppm	Dry
VZ-4	2	50.50		9:05	5	19.6	0.8	0.0	2 ppm	DTW 49.0
VZ-5	2	56.50		8:40	5	19.1	0.6	0.0	1 ppm	DTW 55.1
VZ-6	2	62.10		11:50	10	19.3	1.3	0.0	2 ppm	DTW 60.5
VZ-7	2	44.76		11:25	5	19.7	1.0	0.0	0 ppm	Dry
VZ-8	2	37.60		11:00	5	20.0	1.1	0.0	2 ppm	Dry
VZ-9	2	50.30		13:15	5	19.0	1.2	0.0	1 ppm	Dry
VZ-10	2	52.26		13:53	5	19.3	0.9	0.0	1 ppm	Dry

EXHIBIT D: NEARBY WEATHER STATION PRECIPITATION DATA

Exhibit D

Nearby Weather Station Precipitation data, Current and Historical

Station	Dist. (mi) [1]	P.O.R.	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	ANN.[2]
Jal Co-op Station (294346)[3]	26.75	1981-2010	1.56	1.62	2.09	1.92	2.14	1.30	0.66	0.54	0.48	0.54	0.55	0.78	14.18
Ochoa Co-op Station (296281)[3]	17.94	1981-2010	1.38	1.60	2.06	1.90	1.85	1.37	0.64	0.52	0.46	0.54	0.56	0.63	13.51
WIPP Co-op Station (299569)[3]	18.60	1981-2010	1.17	1.74	2.22	2.01	1.96	1.11	0.34	0.61	0.47	0.52	0.58	0.64	13.37
			May '23	Jun '23	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Jan '24	Feb '24	Mar'24	Apr'24	12 mo[5]
El Capitan PWS (KNMJAL2)[4]	17.71	2023/24	1.71	0.77	0.12	1.98	0.86	1.51	0.28	0.47	0.38	0.46	0.12	0.17	8.83
Red Hills PWS (KNMJAL7)[4]	2.22	2023/24	2.21	1.87	0.52	1.54	0.97	1.37*	0.49	0.22	0.12	0.21	0.00	0.00	9.52

NOTES:

P.O.R.: Period of Record

[1]: "Dist." represents the distance from eachweather station to the NDBL Facility

[2]: "ANN" refers to annual average rainfall for histori data stations, and YTD rainfall for nearby Personal Weather Stations (PWS)

[3]: Co-op station data are obtained from the Western Regional Climate Center (https://wrcc.dri.edu/Climate/west_coop_summaries.php)

[4]: Personal Weather Station data obtained from individual PWS web pages hosted by Weather Underground (https://www.wunderground.com/dashboard/pws/KNMJAL2 and https://www.wunderground.com/dashboard/pws/KNMJAL7)

*: Rainfall for October 2023 contains an outlier (12.32" rain recorded in 60 minutes on 10/3/2023) that coincides with an apparent instrument malfunction on that day. The anomalous value has been removed from this table.

[2]: "12-mo" refers to curret month's rainfall and previous 11 months for historic data stations

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Elev 3060 ft, 32.11 °N, 103.27 °W

El Capitan - KNMJAL2

FORECAST FOR JAL, NM (/WEATHER/US/NM/JAL/KNMJAL2)

Station Summary

Online(updated 14 minutes ago)

CURRENT CONDITIONS

80.3 °F
Feels Like 81.0 °

WIND & GUST
6.0 / 7.0 mph

DEWPOINT
59.0 ° F

PRECIP RATE
0.00 in/hr

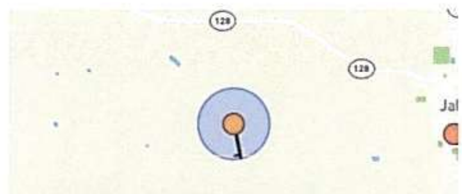
PRESSURE
29.76 in

HUMIDITY
49 %

PRECIP ACCUM
0.00 in

UV
5

MAP



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lat=32.108051&lon=-103.266251&zoom=13&tl.play=0&tl.spd=2&groupSevere=1&groupHurricane=

PWS CURRENT CONDITIONS

TEMPERATURE

CURRENT
80°

DEWPOINT
59.0 °F

HUMIDITY
49 %

WIND

WIND FROM
S

GUST
7.0 mph

PRESSURE

CURRENT
29.76 in

PRECIPITATION

PRECIP RATE
0.00 in/hr

PRECIP TOTAL
0.00 in

UV

CURRENT UV
5

UV RISK

SOLAR RADIATION

CURRENT
853.00 watts/m²

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Weekly Mode | April | 21 | 2024 | View

Previous Next

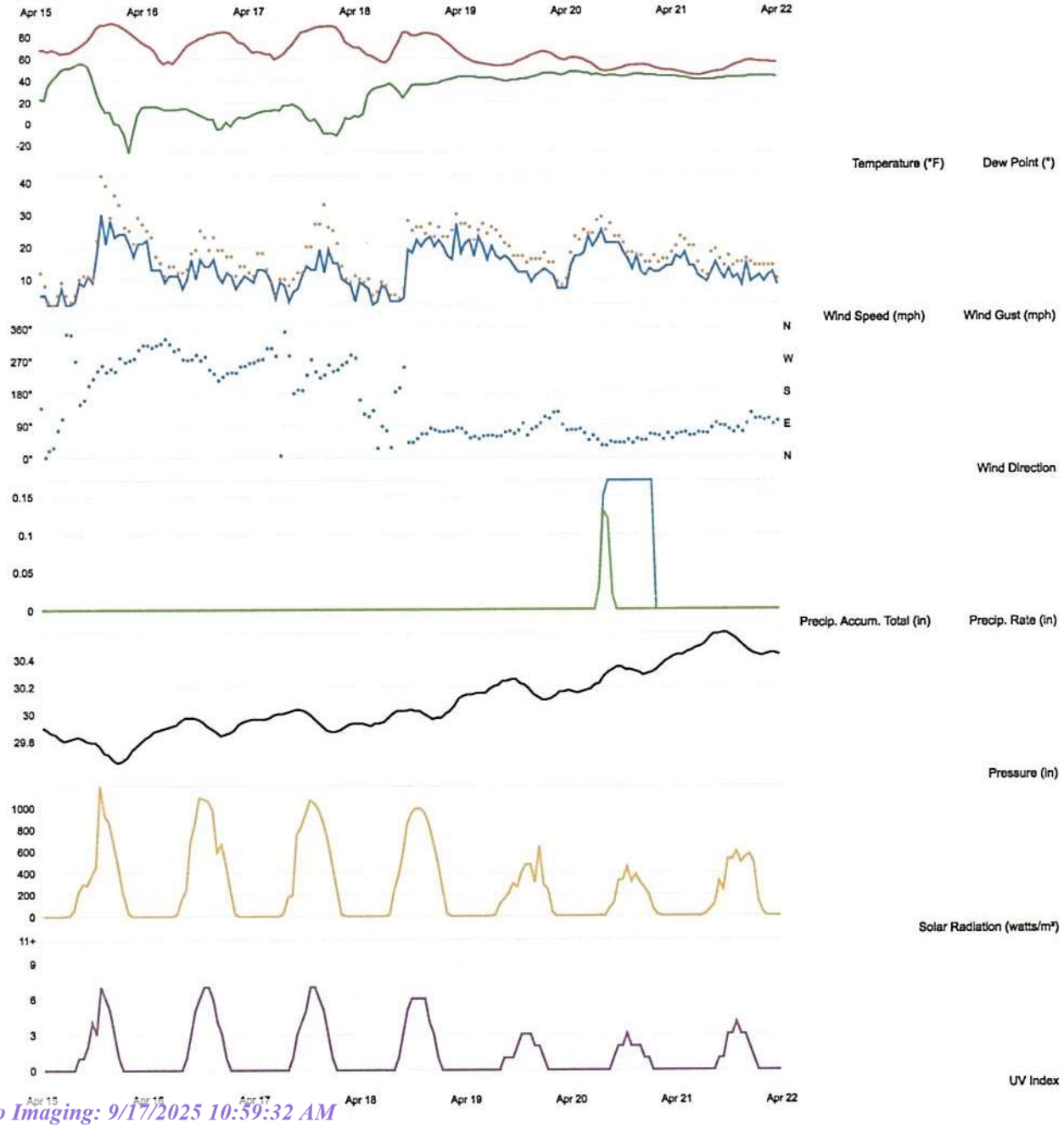
Summary
April 15, 2024 - April 21, 2024

	High	Low	Average
Temperature	92.0 °F	43.7 °F	64.4 °F
Dew Point	55.0 °F	-30.0 °F	27.4 °F
Humidity	87 %	1 %	39 %
Precipitation	0.17 in	–	–

	High	Low	Average
Wind Speed	30.0 mph	0.0 mph	10.8 mph
Wind Gust	42.0 mph	–	15.7 mph
Wind Direction	–	–	SSE
Pressure	30.59 in	29.63 in	–

Graph Table

April 15, 2024 - April 21, 2024



Parkhill

December 17, 2024

Mr. Zack Ramos
President, NDBL
OWL Landfill Services, LLC
2029 W. NM Hwy 128
Jal, NM 88252

Re: 42881.24 Northern Delaware Basin Landfill
Surface Waste Disposal Facility – NMOSE Permit No. NM1-63
Vadose Zone Monitoring Well Data, October 8, 2024, Monitoring Event
Lea County, New Mexico

Dear Mr. Ramos:

Enclosed with this letter are copies of vadose water purging, testing, analytical, and soil vapor field screening data collected from vadose zone monitoring wells at the Northern Delaware Basin Landfill (NDBL) on October 8, 2024 (Exhibit A). Vadose water sample collection, field screening and analysis were triggered by the detection of water in vadose zone monitoring wells VZ-5 and VZ-6 during routine semiannual vadose zone monitoring (Exhibit B). This monitoring event represents the fifth time water has been detected in one or more vadose wells at NDBL in quantities sufficient for sampling, and the third detection of sampleable water in vadose well VZ-6.

Vadose water and soil vapor samples were collected and analyzed in accordance with requirements for Vadose Zone Monitoring set forth in Permit No. NM1-63 (August 17, 2017), and the Vadose Zone Monitoring Plan (Volume II.9) of the October 2016 facility Permit Application. Vadose water samples were collected from Wells VZ-5 and VZ-6, and soil vapor samples were collected from each of the 10 vadose zone wells in the well network (VZ-1 through VZ-10). Vadose water samples were delivered to Eurofins Environment Testing South Central (Eurofins) in Albuquerque, New Mexico on October 9, 2024, and analytical results were received on October 25, 2024.

Results of those soil vapor screenings are provided as Exhibit E. The instrument utilized in soil vapor sampling and analysis (LANDTEC GEM5000) indicated very low levels of hydrogen sulfide in several of the vadose wells as monitoring progressed throughout the monitoring day. The detections of H_2S in vapor samples analyzed are within the instrument's acceptable error of ±2% for this constituent or are a result of instrument drift as it continues to operate through the day and its sensors warm up during use.

VADOSE WATER MONITORING AND MEASUREMENT

Water was detected in vadose wells VZ-4, VZ-5, VZ-6, and VZ-8. Water detected in wells VZ-4 and VZ-8 was insufficient to collect a representative sample (i.e., water column ranging from 2.3 feet to less than 1.25 inches) and is believed to be a result of condensation collecting in the bottom of the well. Samples were collected from wells VZ-5 and VZ-6 and analyzed for Method 8260 volatile organic compounds (VOCs) as well as the list of analytes in the OWL Vadose Zone Monitoring Plan (Volume II.9 of the October 2016 Facility Permit Application). Vadose zone purge notes and field parameter measurements for wells VZ-5 and VZ-6 are provided as Exhibit C, and laboratory analytical results for samples collected on October 8, 2024, are provided as Exhibit D.

333 Rio Rancho Boulevard NE | Suite 400 | Rio Rancho, New Mexico 87124 | 505.867.6990 Parkhill.com

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Well VZ-5
Consistent with depth to water (DTW) measured on February 23, 2020, May 24, 2023, and October 11, 2023. Analytical results remain consistent with results from samples collected since February 2020, and the water is believed to consist mainly of perched stormwater that regularly percolates through vadose soils and perches atop the largely impenetrable Chinle mudstone strata which are continuous at depths ranging from 35 to 60 feet below ground surface at NDBL.

Well VZ-6
Water was not present in VZ-6 upon installation in August 2019, and was not detected during the February 2020 vadose zone monitoring event by Parkhill. During the May 2023 monitoring event, perched water was detected at a depth of 33.2 feet BTOC. During a follow-up site visit by Parkhill on August 17, 2023, the suspected source of water in well VZ-6 was thought to be a persistent leak from a water supply line which is positioned approximately 50 feet east-northeast of VZ-6. The presence of moisture and indications of leakage from the supply line were observed and brought to the attention of NDBL management (Figure 2). The leak was stopped on August 19, 2023, and the ground surface in the area has remained dry. The supply line originates at the NDBL water supply well (McCloy Well) shown on Figure 1 and terminates at a storage tank used for on-site use (positioned approximately 125 feet north-northeast of the supply well). During the October 2024 monitoring event, perched water was detected at a depth of 56.00 feet BTOC in VZ-6.

Upon review of analytical results obtained from Eurofins on October 25, 2024 (Exhibit D), it was observed that the levels of multiple cations and anions in Well VZ-6 were elevated when compared to results from vadose well VZ-5 and other groundwater in the area. Results were very similar to those obtained during the May and October 2023 monitoring events. These analytes are indicative of normally dry arid desert soils (e.g., vadose zone soils, evaporites, playa deposits) and leaching/mobilization of those constituents by infiltrating surface waters (stormwater accumulation and infiltration) or introduced waters (i.e., leakage). The combination of historical supply line leakage proximal to well VZ-6, substantial seasonal rains over the 4 months preceding the sampling event, and ongoing facility grading and channeling of stormwater have likely contributed to detected and sampled waters found in well VZ-6.

The character of surface drainage on-site at NDBL has likely caused stormwater to accumulate in the vicinity of well VZ-6, and ultimately allows it to infiltrate through the normally dry vadose zone soils and accumulate atop the largely-impermeable Chinle mudstones present at depth ranging from 30 to 60 feet BGS at the NDBL. Additional efforts by facility management to divert stormwater away from the area surrounding well VZ-6 and prevent surface ponding of stormwater should remove another source of accumulated vadose water.

POTENTIAL SOURCES OF VADOSE WATER

Well VZ-5
Well VZ-5 is located in an area immediately adjacent to a natural depression that collects stormwater as a result of natural surface water flow and accumulation during storm events. This results in accumulation of surface water during storm events and subsequent infiltration into the vadose zone. The area is mapped with closed depressions, and aerial photos indicate the presence of well-established green vegetation.

Well VZ-6
Water in well VZ-6 is of very poor (brackish) quality, containing elevated levels of highly soluble and highly mobile cations and anions. Soluble minerals like those detected in vadose water samples have likely been leached from the overlying soils by leaking supply well water and accumulated seasonal stormwater infiltrating through the higher-permeability vadose zone soils and becoming perched atop and within the largely impermeable upper Chinle mudstones which occur site-wide at depths ranging from 30-60 feet BGS. Geology of the vadose zone at ground surface near VZ-6 may also contribute to perched vadose water quality. Surficial geology mapped near well VZ-6 is characterized as windblown fine-grained

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sands, while higher-permeability Ogallala formation sands and gravels are mapped at Well VZ-5. The fine windblown sands which make up much of the vadose soils in the vicinity of VZ-6 have likely been mobilized from surface evaporite deposits, which are prominent in the region as shallow enclosed surface basins (playas), which are high in chloride, sulfate, calcium, magnesium, and sodium. Well VZ-6 is also hydraulically upgradient of the landfill waste disposal area footprint. Additionally, the water sampled from VZ-6 does not contain constituents potentially present in landfill waste (i.e., BTEX, TPH, volatiles, etc.). Therefore, the water sampled from well VZ-6 is not believed to be indicative of impacts from waste operations and is believed to be from a source other than the landfill.

NDBL will continue to monitor all vadose wells on site semiannually for the presence of water, and collect samples when water is detected in sufficient quantities. NDBL will also monitor for leakage in their water supply network, and make efforts to grade the site such that surface water is directed away from VZ-6 to prevent unnecessary infiltration of surface and supply waters into the vadose zone in the vicinity of the well.

Average annual rainfall in the area around NDBL is approximately 13.37 inches per year (1981-2010 average) as reported by the Western Regional Climate Center for the Jal, WIPP and Ochoa Co-op Stations. Two personal weather stations near NDBL (El Capitan and Red Hills) have recorded a 12-month total rainfall of less than 6 inches of precipitation through September 2024, which is significantly lower than annual average, but the Red Hills Station recorded a wetter than typical June through September (Exhibit F).

As required by 19.15.36.13.L.(1), NDBL has performed monthly inspection of the facility's leak detection sumps, and all have been found to be dry.

If you have any questions regarding this transmittal, feel free to contact me at 505.504.7765.

Sincerely,

PARKHILL

By _____
Andy N. Yuhas, PG
Professional Geologist

ANY/pg
Enclosures:
Exhibit A: Site Location Map
Exhibit B: Site Plan/VZM Network Map
Exhibit C: VZM Purge Notes and Field Parameters
Exhibit D: Eurofins Environment Testing South Central Analytical Report
Exhibit E: VZM Well 1-10 Soil Vapor Screening Results
Exhibit F: Nearby Weather Station Precipitation Data

cc: Mr. Tyler Krueger, PE, Associate, Parkhill

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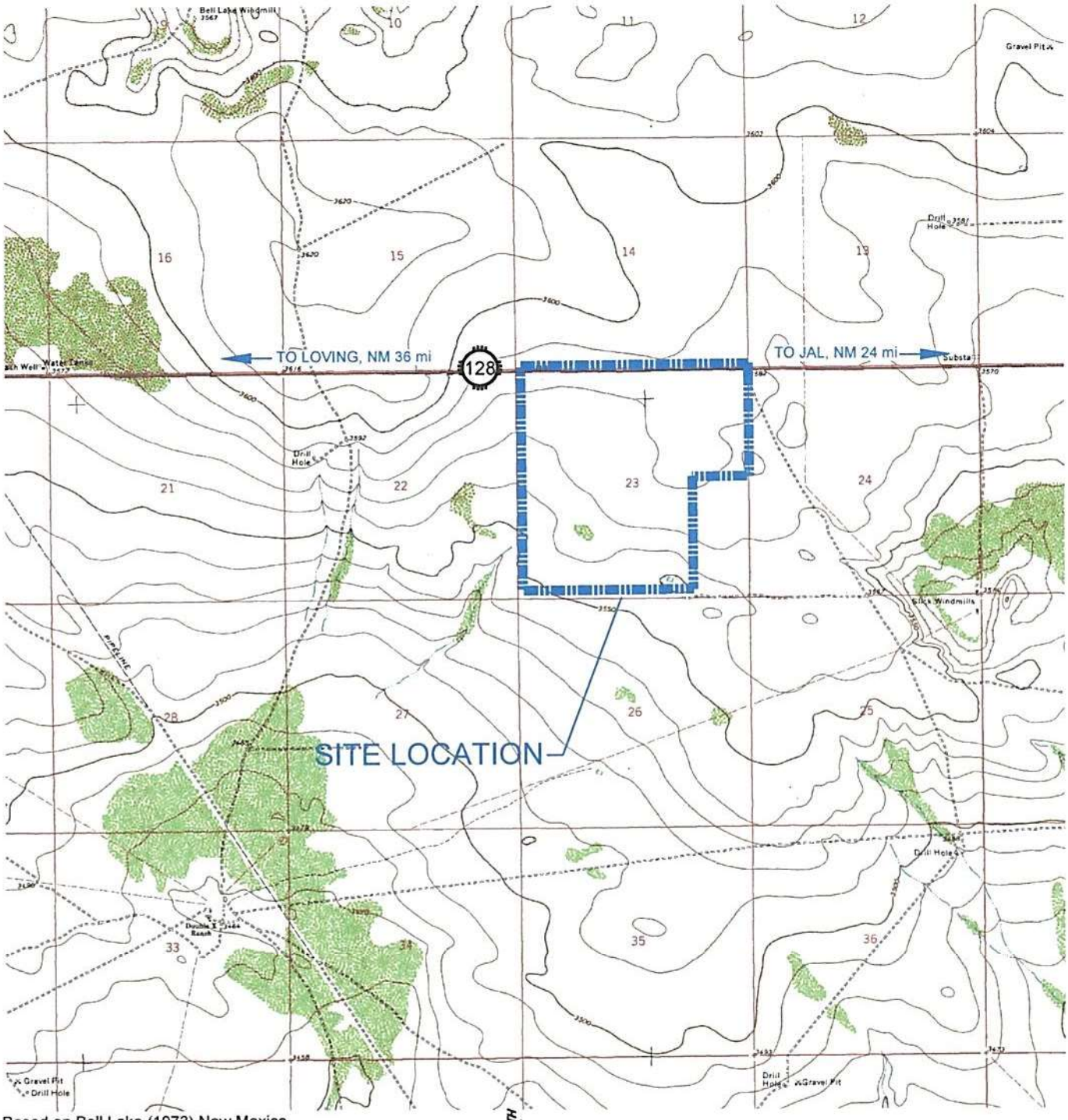
EXHIBIT A: SITE LOCATION MAP



Based on Bell Lake (1973) New Mexico Quadrangle. USGS 7.5' Series (1:24,000 Scale).

NORTH

0' 1,000'

LEGEND

SITE BOUNDARY

FILE NAME: \\projects-dfs\projects\2024\42881.24\03_DSGN\01_DWG\050_CIVIL\02_CONTENT\EX-A_SITE-LOC-MAP.dwg PRINTED: Monday, December 16, 2024 - 10:27pm

Parkhill

Parkhill.com

SEMI-ANNUAL VADOSE ZONE MONITORING

OWL NDBL SWMF

JAL, NEW MEXICO

SITE LOCATION MAP

Date: 12/15/2024

Project No: 42881.24

Sheet: EXHIBIT A

EXHIBIT B: SITE PLAN/VZM NETWORK MAP

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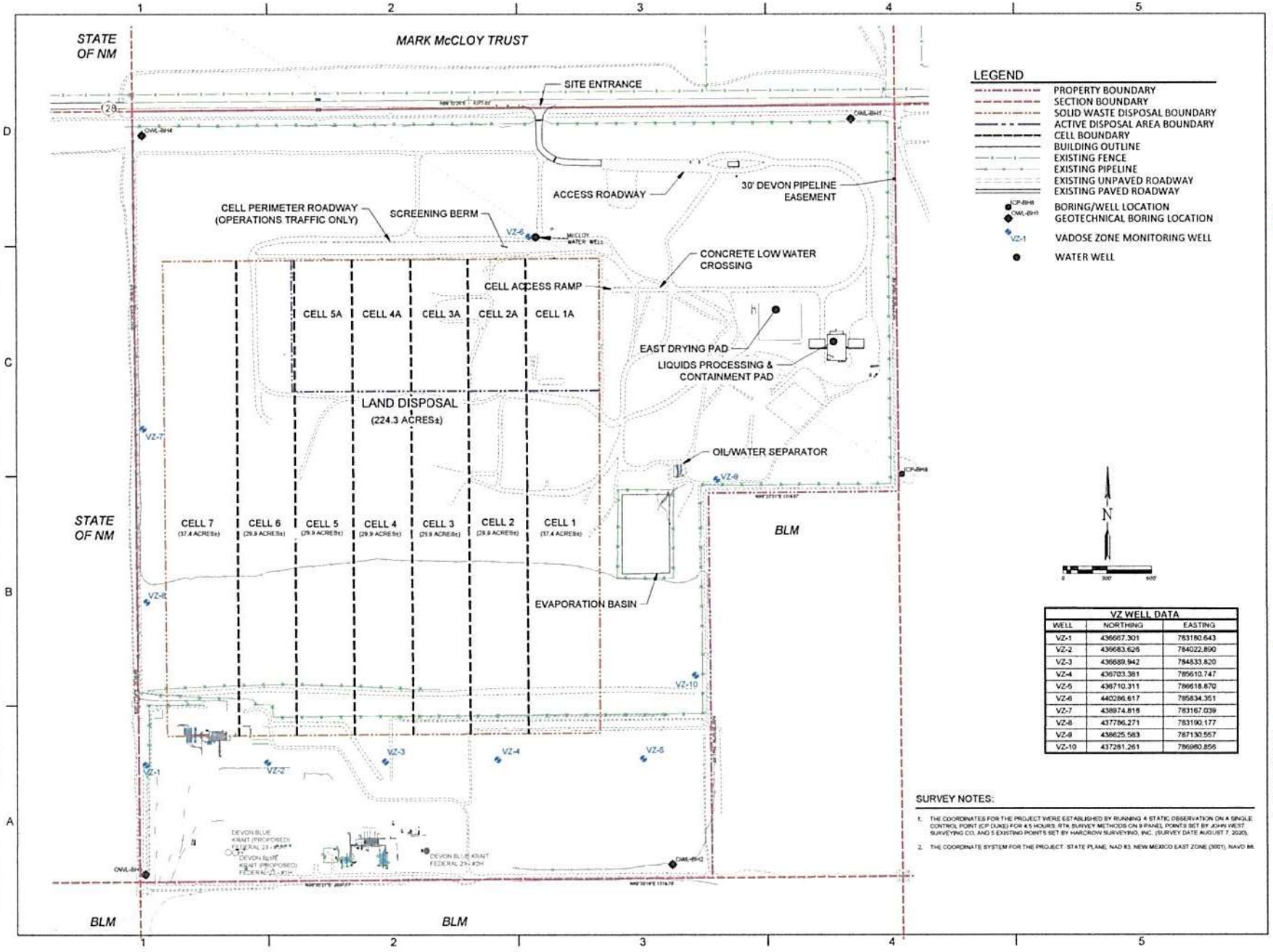

VZ WELL DATA		
WELL	NORTHING	EASTING
VZ-1	436667.301	783180.643
VZ-2	436683.626	784022.890
VZ-3	436689.942	784833.820
VZ-4	436703.381	785610.747
VZ-5	436710.311	786618.870
VZ-6	440286.617	785834.351
VZ-7	438974.816	783167.039
VZ-8	437786.271	783190.177
VZ-9	438625.583	787130.557
VZ-10	437281.261	786960.856

SURVEY NOTES:

1. THE COORDINATES FOR THE PROJECT WERE ESTABLISHED BY RUNNING A STATIC OBSERVATION ON A SINGLE CONTROL POINT (CP DUKE) FOR 4.5 HOURS. RTK SURVEY METHODS ON 9 PANEL POINTS SET BY JOHN WEST SURVEYING CO. AND 5 EXISTING POINTS SET BY HARCROW SURVEYING, INC. (SURVEY DATE AUGUST 7, 2020).
2. THE COORDINATE SYSTEM FOR THE PROJECT: STATE PLANE, NAD 83, NEW MEXICO EAST ZONE (3001), NAVD 88.

Parkhill

Parkhill.com

OWL NDBL SWMF ENVIRONMENTAL MONITORING NETWORK

OILFIELD WATER LOGISTICS

CLIENT
OWL LANDFILL SERVICES, LLC.
2029 W. NM Hwy 128
JAL, NM 88252
LEA COUNTY

PROJECT NO.
42981.24

#	DATE	DESCRIPTION
1	10/09/2024	MONITORING REPORT

SITE PLAN/ VZM NETWORK MAP

EXHIBIT B

EXHIBIT C: VZM PURGE NOTES AND FIELD PARAMETERS

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Site: OWL NDBL SWMF

Samplers: AY

Observers: —

Site/Well Condition: good good

Well ID: VE-5

Depth-to-water: 43.40

Total Depth: 56.50

Measured from: mark on PVC

Date: 10/8/24

Ambient Temperature: 70°F

Wind Direction/Speed: calm

Recent Precipitation: none

Sampling Method: **BAILER**

One Well Volume (feet, gallons)

(56.50 - 43.40) = 13.10 feet

(Total Depth - DTW) = well column

13.10 x 0.163 = 2.14 gallons

(Well Column x 0.163) = 1 well-volume

Three Well Volumes

2.14 x 3 = 6.42 gallons

1 well-volume x 3 = 3 well-volumes

Equipment Information

Bailer or HydraSleeve™

New or Previously Installed

Capacity/Length: 1 L / 36"

Material/Source poly

Twine

New? Y or N

Appx Length 52'

Material/Source nylon

Time	Gallons Removed	°C	pH	SC units µS	Observations
0922	0.5	21.3	8.2	623	cloudy no odor
0927	1	21.0	7.8	603	— " —
0932	2	21.0	8.2	601	— " —
0934	2.5	21.1	8.1	597	— " ✓

Notes: Sample Time 0935

Field Blank: _____

Dupe: _____

Filtered: _____

Sampler(s): Andy Yukas

Name

Signature

Name

Signature

Groundwater Monitoring Field Notes

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Site: OWL NDBL SWMF

Samplers: AY

Observers: —

Site/Well Condition: good good

Well ID: VZ-6

Depth-to-water: 56.00

Total Depth: 62.10

Measured from: mark on pvc

Date: 10/8/24

Ambient Temperature: 75

Wind Direction/Speed: calm

Recent Precipitation: none

Sampling Method: **BAILER**

One Well Volume (feet, gallons): (62.10 - 56.00) = 6.10 feet (Total Depth - DTW) = well column

6.10 (Well Column) x 0.163 = 0.99 gallons (1 well-volume)

Three Well Volumes: 0.99 x 3 = 2.97 gallons (1 well-volume x 3 = 3 well-volumes)

Equipment Information

Bailer or HydraSleeve™

New or Previously Installed

Capacity/Length: 1 L / 36"

Material/Source: poly

Twine

New? Y or N

Appx Length: 60'

Material/Source: nylon

Time	Gallons Removed	°C	pH	SC units mS	Observations
1130	1L	22.6	7.0	7.29	dr, no odor
1135	2L	21.3	7.2	7.00	— — —
1137	3L	20.8	7.1	6.83	— — —
1140	4L	21.6	7.3	6.83	— — —
1143	6L	21.1	7.2	6.89	— — —
1144	8L	20.7	7.3	6.92	— — —

Notes: Had been purged
Sample time 1145

Field Blank: —

Dupe: /

Filtered: /

Sampler(s): ANDY YUKAS

Name

Signature

Name

Signature

Groundwater Monitoring Field Notes

EXHIBIT D: EUROFINS ENVIRONMENT TESTING SOUTH CENTRAL ANALYTICAL REPORT

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andy Yuhas
Parkhill
333 Rio Rancho Blvd. N.E., Suite 400
Suite 400
Rio Rancho, New Mexico 87124
Generated 10/24/2024 3:04:27 PM

JOB DESCRIPTION

NDBL Vadose Sampling

JOB NUMBER

885-13532-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Jackie Bolte

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10/24/2024 3:04:27 PM

Authorized for release by
Jackie Bolte, Project Manager
jackie.bolte@et.eurofinsus.com
(505)345-3975

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Table of Contents

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Definitions/Glossary

Client: Parkhill
Job ID: 885-13532-1
Project/Site: NDBL Vadose Sampling

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Parkhill
Project: NDBL Vadose Sampling

Job ID: 885-13532-1

Job ID: 885-13532-1 Eurofins Albuquerque

Job Narrative
885-13532-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/9/2024 1:24 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_OF_48H_PREC: The following sample(s) was received by wet chemistry with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: VZ-5 (885-13532-1) and VZ-6 (885-13532-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Client Sample ID: VZ-5

Date Collected: 10/08/24 09:35
Date Received: 10/09/24 13:24

Lab Sample ID: 885-13532-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.266		1.00	0.266	ug/L			10/21/24 13:20	1
1,1,1-Trichloroethane	<0.0811		1.00	0.0811	ug/L			10/21/24 13:20	1
1,1,2,2-Tetrachloroethane	<0.273		2.00	0.273	ug/L			10/21/24 13:20	1
1,1,2-Trichloroethane	<0.198		1.00	0.198	ug/L			10/21/24 13:20	1
1,1-Dichloroethane	<0.304		1.00	0.304	ug/L			10/21/24 13:20	1
1,1-Dichloroethene	<0.201		1.00	0.201	ug/L			10/21/24 13:20	1
1,1-Dichloropropene	<0.179		1.00	0.179	ug/L			10/21/24 13:20	1
1,2,3-Trichlorobenzene	<0.249		1.00	0.249	ug/L			10/21/24 13:20	1
1,2,3-Trichloropropane	<0.160		2.00	0.160	ug/L			10/21/24 13:20	1
1,2,4-Trichlorobenzene	<0.400		1.00	0.400	ug/L			10/21/24 13:20	1
1,2,4-Trimethylbenzene	<0.122		1.00	0.122	ug/L			10/21/24 13:20	1
1,2-Dibromo-3-Chloropropane	<0.587		2.00	0.587	ug/L			10/21/24 13:20	1
1,2-Dibromoethane (EDB)	<0.304		1.00	0.304	ug/L			10/21/24 13:20	1
1,2-Dichlorobenzene	<0.155		1.00	0.155	ug/L			10/21/24 13:20	1
1,2-Dichloroethane (EDC)	<0.302		1.00	0.302	ug/L			10/21/24 13:20	1
1,2-Dichloropropane	<0.200		1.00	0.200	ug/L			10/21/24 13:20	1
1,3,5-Trimethylbenzene	<0.182		1.00	0.182	ug/L			10/21/24 13:20	1
1,3-Dichlorobenzene	<0.161		1.00	0.161	ug/L			10/21/24 13:20	1
1,3-Dichloropropane	<0.181		1.00	0.181	ug/L			10/21/24 13:20	1
1,4-Dichlorobenzene	<0.103		1.00	0.103	ug/L			10/21/24 13:20	1
1-Methylnaphthalene	<2.00		4.00	2.00	ug/L			10/21/24 13:20	1
2,2-Dichloropropane	<0.261		2.00	0.261	ug/L			10/21/24 13:20	1
2-Butanone	<2.03		10.0	2.03	ug/L			10/21/24 13:20	1
2-Chlorotoluene	<0.132		1.00	0.132	ug/L			10/21/24 13:20	1
2-Hexanone	<1.79		10.0	1.79	ug/L			10/21/24 13:20	1
2-Methylnaphthalene	<2.00		4.00	2.00	ug/L			10/21/24 13:20	1
4-Chlorotoluene	<0.135		1.00	0.135	ug/L			10/21/24 13:20	1
4-Isopropyltoluene	<0.202		1.00	0.202	ug/L			10/21/24 13:20	1
4-Methyl-2-pentanone	<1.50		10.0	1.50	ug/L			10/21/24 13:20	1
Acetone	<2.52		10.0	2.52	ug/L			10/21/24 13:20	1
Benzene	<0.227		1.00	0.227	ug/L			10/21/24 13:20	1
Bromobenzene	<0.284		1.00	0.284	ug/L			10/21/24 13:20	1
Bromodichloromethane	<0.203		1.00	0.203	ug/L			10/21/24 13:20	1
Dibromochloromethane	<0.284		1.00	0.284	ug/L			10/21/24 13:20	1
Bromoform	<0.315		1.00	0.315	ug/L			10/21/24 13:20	1
Bromomethane	<1.00		3.00	1.00	ug/L			10/21/24 13:20	1
Carbon disulfide	<1.00		10.0	1.00	ug/L			10/21/24 13:20	1
Carbon tetrachloride	<0.175		1.00	0.175	ug/L			10/21/24 13:20	1
Chlorobenzene	<0.458		1.00	0.458	ug/L			10/21/24 13:20	1
Chloroethane	<0.377		2.00	0.377	ug/L			10/21/24 13:20	1
Chloroform	<0.250		1.00	0.250	ug/L			10/21/24 13:20	1
Chloromethane	<0.410		3.00	0.410	ug/L			10/21/24 13:20	1
cis-1,2-Dichloroethene	<0.388		1.00	0.388	ug/L			10/21/24 13:20	1
cis-1,3-Dichloropropene	<0.115		1.00	0.115	ug/L			10/21/24 13:20	1
Dibromomethane	<0.309		1.00	0.309	ug/L			10/21/24 13:20	1
Dichlorodifluoromethane	<0.256		1.00	0.256	ug/L			10/21/24 13:20	1
Ethylbenzene	<0.213		1.00	0.213	ug/L			10/21/24 13:20	1
Hexachlorobutadiene	<0.417		1.00	0.417	ug/L			10/21/24 13:20	1
Isopropylbenzene	<0.183		1.00	0.183	ug/L			10/21/24 13:20	1

Client Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Client Sample ID: VZ-5

Date Collected: 10/08/24 09:35
Date Received: 10/09/24 13:24

Lab Sample ID: 885-13532-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	<0.393		1.00	0.393	ug/L			10/21/24 13:20	1
Methylene Chloride	<1.24		2.50	1.24	ug/L			10/21/24 13:20	1
n-Butylbenzene	<0.125		3.00	0.125	ug/L			10/21/24 13:20	1
N-Propylbenzene	<0.109		1.00	0.109	ug/L			10/21/24 13:20	1
Naphthalene	<0.240		2.00	0.240	ug/L			10/21/24 13:20	1
sec-Butylbenzene	<0.144		1.00	0.144	ug/L			10/21/24 13:20	1
Styrene	<0.136		1.00	0.136	ug/L			10/21/24 13:20	1
tert-Butylbenzene	<0.244		1.00	0.244	ug/L			10/21/24 13:20	1
Tetrachloroethene (PCE)	<0.178		1.00	0.178	ug/L			10/21/24 13:20	1
Toluene	<0.250		1.00	0.250	ug/L			10/21/24 13:20	1
trans-1,2-Dichloroethene	<0.193		1.00	0.193	ug/L			10/21/24 13:20	1
trans-1,3-Dichloropropene	<0.339		1.00	0.339	ug/L			10/21/24 13:20	1
Trichloroethene (TCE)	<0.204		1.00	0.204	ug/L			10/21/24 13:20	1
Trichlorofluoromethane	<0.159		1.00	0.159	ug/L			10/21/24 13:20	1
Vinyl chloride	<0.320		1.00	0.320	ug/L			10/21/24 13:20	1
Xylenes, Total	<0.374		1.50	0.374	ug/L			10/21/24 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*10/21/24 13:20*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/21/24 13:20*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/21/24 13:20*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*10/21/24 13:20*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	<0.0132		0.0500	0.0132	mg/L			10/11/24 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*15 - 270*		*10/11/24 22:39*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<0.580		1.00	0.580	mg/L		10/11/24 11:11	10/11/24 15:03	1
Motor Oil Range Organics [C28-C40]	<1.30		5.00	1.30	mg/L		10/11/24 11:11	10/11/24 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*46 - 159*	*10/11/24 11:11*	*10/11/24 15:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.44		0.500	0.250	mg/L			10/10/24 17:11	1
Fluoride	2.71		0.100	0.0460	mg/L			10/10/24 17:11	1
Orthophosphate as P	<0.250	H	0.500	0.250	mg/L			10/10/24 17:11	1
Nitrate Nitrite as N	7.20		1.00	0.112	mg/L			10/14/24 22:41	5
Sulfate	9.53		0.500	0.250	mg/L			10/10/24 17:11	1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.210		0.00200	0.000950	mg/L		10/11/24 10:02	10/14/24 09:28	1
Cadmium	<0.00121		0.00200	0.00121	mg/L		10/11/24 10:02	10/14/24 09:28	1
Chromium	0.00978		0.00600	0.00115	mg/L		10/11/24 10:02	10/14/24 09:28	1

Client Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Client Sample ID: VZ-5

Date Collected: 10/08/24 09:35
Date Received: 10/09/24 13:24

Lab Sample ID: 885-13532-1
Matrix: Water

Method: SW846 6010B - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00130		0.00500	0.00130	mg/L		10/11/24 10:02	10/14/24 09:28	1
Calcium	72.3		1.00	0.0461	mg/L		10/11/24 10:02	10/14/24 09:28	1
Iron	7.51		0.500	0.260	mg/L		10/11/24 10:02	10/14/24 09:31	10
Magnesium	24.0		1.00	0.110	mg/L		10/11/24 10:02	10/14/24 09:28	1
Potassium	5.95		1.00	0.160	mg/L		10/11/24 10:02	10/14/24 09:28	1
Sodium	13.3		1.00	0.460	mg/L		10/11/24 10:02	10/14/24 09:28	1

Method: SW846 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0171		0.0100	0.00500	mg/L		10/11/24 10:02	10/17/24 12:03	10
Lead	<0.00600		0.0100	0.00600	mg/L		10/11/24 10:02	10/17/24 12:03	10
Selenium	<0.00800		0.0100	0.00800	mg/L		10/11/24 10:02	10/17/24 12:03	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000120		0.000200	0.000120	mg/L		10/14/24 13:17	10/15/24 17:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	336		50.0	25.0	mg/L			10/14/24 16:00	1
Specific Conductance (SM 2510B)	466		10.0	10.0	umhos/cm			10/15/24 16:41	1
pH (SM 4500 H+ B)	8.0	HF	0.1	0.1	SU			10/15/24 16:41	1

Client Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Client Sample ID: VZ-6

Date Collected: 10/08/24 11:45
Date Received: 10/09/24 13:24

Lab Sample ID: 885-13532-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.266		1.00	0.266	ug/L			10/21/24 13:48	1
1,1,1-Trichloroethane	<0.0811		1.00	0.0811	ug/L			10/21/24 13:48	1
1,1,2,2-Tetrachloroethane	<0.273		2.00	0.273	ug/L			10/21/24 13:48	1
1,1,2-Trichloroethane	<0.198		1.00	0.198	ug/L			10/21/24 13:48	1
1,1-Dichloroethane	<0.304		1.00	0.304	ug/L			10/21/24 13:48	1
1,1-Dichloroethene	<0.201		1.00	0.201	ug/L			10/21/24 13:48	1
1,1-Dichloropropene	<0.179		1.00	0.179	ug/L			10/21/24 13:48	1
1,2,3-Trichlorobenzene	<0.249		1.00	0.249	ug/L			10/21/24 13:48	1
1,2,3-Trichloropropane	<0.160		2.00	0.160	ug/L			10/21/24 13:48	1
1,2,4-Trichlorobenzene	<0.400		1.00	0.400	ug/L			10/21/24 13:48	1
1,2,4-Trimethylbenzene	<0.122		1.00	0.122	ug/L			10/21/24 13:48	1
1,2-Dibromo-3-Chloropropane	<0.587		2.00	0.587	ug/L			10/21/24 13:48	1
1,2-Dibromoethane (EDB)	<0.304		1.00	0.304	ug/L			10/21/24 13:48	1
1,2-Dichlorobenzene	<0.155		1.00	0.155	ug/L			10/21/24 13:48	1
1,2-Dichloroethane (EDC)	<0.302		1.00	0.302	ug/L			10/21/24 13:48	1
1,2-Dichloropropane	<0.200		1.00	0.200	ug/L			10/21/24 13:48	1
1,3,5-Trimethylbenzene	<0.182		1.00	0.182	ug/L			10/21/24 13:48	1
1,3-Dichlorobenzene	<0.161		1.00	0.161	ug/L			10/21/24 13:48	1
1,3-Dichloropropane	<0.181		1.00	0.181	ug/L			10/21/24 13:48	1
1,4-Dichlorobenzene	<0.103		1.00	0.103	ug/L			10/21/24 13:48	1
1-Methylnaphthalene	<2.00		4.00	2.00	ug/L			10/21/24 13:48	1
2,2-Dichloropropane	<0.261		2.00	0.261	ug/L			10/21/24 13:48	1
2-Butanone	<2.03		10.0	2.03	ug/L			10/21/24 13:48	1
2-Chlorotoluene	<0.132		1.00	0.132	ug/L			10/21/24 13:48	1
2-Hexanone	<1.79		10.0	1.79	ug/L			10/21/24 13:48	1
2-Methylnaphthalene	<2.00		4.00	2.00	ug/L			10/21/24 13:48	1
4-Chlorotoluene	<0.135		1.00	0.135	ug/L			10/21/24 13:48	1
4-Isopropyltoluene	<0.202		1.00	0.202	ug/L			10/21/24 13:48	1
4-Methyl-2-pentanone	<1.50		10.0	1.50	ug/L			10/21/24 13:48	1
Acetone	3.03	J	10.0	2.52	ug/L			10/21/24 13:48	1
Benzene	<0.227		1.00	0.227	ug/L			10/21/24 13:48	1
Bromobenzene	<0.284		1.00	0.284	ug/L			10/21/24 13:48	1
Bromodichloromethane	<0.203		1.00	0.203	ug/L			10/21/24 13:48	1
Dibromochloromethane	<0.284		1.00	0.284	ug/L			10/21/24 13:48	1
Bromoform	<0.315		1.00	0.315	ug/L			10/21/24 13:48	1
Bromomethane	<1.00		3.00	1.00	ug/L			10/21/24 13:48	1
Carbon disulfide	<1.00		10.0	1.00	ug/L			10/21/24 13:48	1
Carbon tetrachloride	<0.175		1.00	0.175	ug/L			10/21/24 13:48	1
Chlorobenzene	<0.458		1.00	0.458	ug/L			10/21/24 13:48	1
Chloroethane	<0.377		2.00	0.377	ug/L			10/21/24 13:48	1
Chloroform	<0.250		1.00	0.250	ug/L			10/21/24 13:48	1
Chloromethane	<0.410		3.00	0.410	ug/L			10/21/24 13:48	1
cis-1,2-Dichloroethene	<0.388		1.00	0.388	ug/L			10/21/24 13:48	1
cis-1,3-Dichloropropene	<0.115		1.00	0.115	ug/L			10/21/24 13:48	1
Dibromomethane	<0.309		1.00	0.309	ug/L			10/21/24 13:48	1
Dichlorodifluoromethane	<0.256		1.00	0.256	ug/L			10/21/24 13:48	1
Ethylbenzene	<0.213		1.00	0.213	ug/L			10/21/24 13:48	1
Hexachlorobutadiene	<0.417		1.00	0.417	ug/L			10/21/24 13:48	1
Isopropylbenzene	<0.183		1.00	0.183	ug/L			10/21/24 13:48	1

Client Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Client Sample ID: VZ-6

Date Collected: 10/08/24 11:45
Date Received: 10/09/24 13:24

Lab Sample ID: 885-13532-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	<0.393		1.00	0.393	ug/L			10/21/24 13:48	1
Methylene Chloride	<1.24		2.50	1.24	ug/L			10/21/24 13:48	1
n-Butylbenzene	<0.125		3.00	0.125	ug/L			10/21/24 13:48	1
N-Propylbenzene	<0.109		1.00	0.109	ug/L			10/21/24 13:48	1
Naphthalene	<0.240		2.00	0.240	ug/L			10/21/24 13:48	1
sec-Butylbenzene	<0.144		1.00	0.144	ug/L			10/21/24 13:48	1
Styrene	<0.136		1.00	0.136	ug/L			10/21/24 13:48	1
tert-Butylbenzene	<0.244		1.00	0.244	ug/L			10/21/24 13:48	1
Tetrachloroethene (PCE)	<0.178		1.00	0.178	ug/L			10/21/24 13:48	1
Toluene	<0.250		1.00	0.250	ug/L			10/21/24 13:48	1
trans-1,2-Dichloroethene	<0.193		1.00	0.193	ug/L			10/21/24 13:48	1
trans-1,3-Dichloropropene	<0.339		1.00	0.339	ug/L			10/21/24 13:48	1
Trichloroethene (TCE)	<0.204		1.00	0.204	ug/L			10/21/24 13:48	1
Trichlorofluoromethane	<0.159		1.00	0.159	ug/L			10/21/24 13:48	1
Vinyl chloride	<0.320		1.00	0.320	ug/L			10/21/24 13:48	1
Xylenes, Total	<0.374		1.50	0.374	ug/L			10/21/24 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*10/21/24 13:48*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/21/24 13:48*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/21/24 13:48*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*10/21/24 13:48*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	<0.0132		0.0500	0.0132	mg/L			10/11/24 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*15 - 270*		*10/11/24 23:49*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<0.580		1.00	0.580	mg/L		10/11/24 11:11	10/11/24 15:16	1
Motor Oil Range Organics [C28-C40]	<1.30		5.00	1.30	mg/L		10/11/24 11:11	10/11/24 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*46 - 159*	*10/11/24 11:11*	*10/11/24 15:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		100	50.0	mg/L			10/15/24 17:08	200
Fluoride	0.902		0.100	0.0460	mg/L			10/10/24 17:36	1
Orthophosphate as P	<0.250	H	0.500	0.250	mg/L			10/10/24 17:36	1
Nitrate Nitrite as N	9.31		1.00	0.112	mg/L			10/14/24 22:53	5
Sulfate	766		10.0	5.00	mg/L			10/10/24 17:48	20

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.267		0.00200	0.000950	mg/L		10/11/24 10:02	10/14/24 09:33	1
Cadmium	<0.00121		0.00200	0.00121	mg/L		10/11/24 10:02	10/14/24 09:33	1
Chromium	<0.00115		0.00600	0.00115	mg/L		10/11/24 10:02	10/14/24 09:33	1

Client Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Client Sample ID: VZ-6

Date Collected: 10/08/24 11:45
Date Received: 10/09/24 13:24

Lab Sample ID: 885-13532-2
Matrix: Water

Method: SW846 6010B - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.00860		0.00500	0.00130	mg/L		10/11/24 10:02	10/14/24 09:33	1
Calcium	515		10.0	0.461	mg/L		10/11/24 10:02	10/14/24 09:35	10
Iron	2.79		0.500	0.260	mg/L		10/11/24 10:02	10/14/24 09:35	10
Magnesium	140		10.0	1.10	mg/L		10/11/24 10:02	10/14/24 09:35	10
Potassium	6.85		1.00	0.160	mg/L		10/11/24 10:02	10/14/24 09:33	1
Sodium	823		10.0	4.60	mg/L		10/11/24 10:02	10/14/24 09:35	10

Method: SW846 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00500		0.0100	0.00500	mg/L		10/11/24 10:02	10/16/24 13:01	10
Lead	<0.00600		0.0100	0.00600	mg/L		10/11/24 10:02	10/16/24 13:01	10
Selenium	0.0258		0.0100	0.00800	mg/L		10/11/24 10:02	10/16/24 13:01	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000120		0.000200	0.000120	mg/L		10/14/24 13:17	10/15/24 17:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4680		250	125	mg/L			10/14/24 16:00	1
Specific Conductance (SM 2510B)	6770		10.0	10.0	umhos/cm			10/15/24 16:45	1
pH (SM 4500 H+ B)	7.5	HF	0.1	0.1	SU			10/15/24 16:45	1

QC Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-14587/5
Matrix: Water
Analysis Batch: 14587

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.266		1.00	0.266	ug/L			10/21/24 11:58	1
1,1,1-Trichloroethane	<0.0811		1.00	0.0811	ug/L			10/21/24 11:58	1
1,1,2,2-Tetrachloroethane	<0.273		2.00	0.273	ug/L			10/21/24 11:58	1
1,1,2-Trichloroethane	<0.198		1.00	0.198	ug/L			10/21/24 11:58	1
1,1-Dichloroethane	<0.304		1.00	0.304	ug/L			10/21/24 11:58	1
1,1-Dichloroethene	<0.201		1.00	0.201	ug/L			10/21/24 11:58	1
1,1-Dichloropropene	<0.179		1.00	0.179	ug/L			10/21/24 11:58	1
1,2,3-Trichlorobenzene	<0.249		1.00	0.249	ug/L			10/21/24 11:58	1
1,2,3-Trichloropropane	<0.160		2.00	0.160	ug/L			10/21/24 11:58	1
1,2,4-Trichlorobenzene	<0.400		1.00	0.400	ug/L			10/21/24 11:58	1
1,2,4-Trimethylbenzene	<0.122		1.00	0.122	ug/L			10/21/24 11:58	1
1,2-Dibromo-3-Chloropropane	<0.587		2.00	0.587	ug/L			10/21/24 11:58	1
1,2-Dibromoethane (EDB)	<0.304		1.00	0.304	ug/L			10/21/24 11:58	1
1,2-Dichlorobenzene	<0.155		1.00	0.155	ug/L			10/21/24 11:58	1
1,2-Dichloroethane (EDC)	<0.302		1.00	0.302	ug/L			10/21/24 11:58	1
1,2-Dichloropropane	<0.200		1.00	0.200	ug/L			10/21/24 11:58	1
1,3,5-Trimethylbenzene	<0.182		1.00	0.182	ug/L			10/21/24 11:58	1
1,3-Dichlorobenzene	<0.161		1.00	0.161	ug/L			10/21/24 11:58	1
1,3-Dichloropropane	<0.181		1.00	0.181	ug/L			10/21/24 11:58	1
1,4-Dichlorobenzene	<0.103		1.00	0.103	ug/L			10/21/24 11:58	1
1-Methylnaphthalene	<2.00		4.00	2.00	ug/L			10/21/24 11:58	1
2,2-Dichloropropane	<0.261		2.00	0.261	ug/L			10/21/24 11:58	1
2-Butanone	<2.03		10.0	2.03	ug/L			10/21/24 11:58	1
2-Chlorotoluene	<0.132		1.00	0.132	ug/L			10/21/24 11:58	1
2-Hexanone	<1.79		10.0	1.79	ug/L			10/21/24 11:58	1
2-Methylnaphthalene	<2.00		4.00	2.00	ug/L			10/21/24 11:58	1
4-Chlorotoluene	<0.135		1.00	0.135	ug/L			10/21/24 11:58	1
4-Isopropyltoluene	<0.202		1.00	0.202	ug/L			10/21/24 11:58	1
4-Methyl-2-pentanone	<1.50		10.0	1.50	ug/L			10/21/24 11:58	1
Acetone	<2.52		10.0	2.52	ug/L			10/21/24 11:58	1
Benzene	<0.227		1.00	0.227	ug/L			10/21/24 11:58	1
Bromobenzene	<0.284		1.00	0.284	ug/L			10/21/24 11:58	1
Bromodichloromethane	<0.203		1.00	0.203	ug/L			10/21/24 11:58	1
Dibromochloromethane	<0.284		1.00	0.284	ug/L			10/21/24 11:58	1
Bromoform	<0.315		1.00	0.315	ug/L			10/21/24 11:58	1
Bromomethane	<1.00		3.00	1.00	ug/L			10/21/24 11:58	1
Carbon disulfide	<1.00		10.0	1.00	ug/L			10/21/24 11:58	1
Carbon tetrachloride	<0.175		1.00	0.175	ug/L			10/21/24 11:58	1
Chlorobenzene	<0.458		1.00	0.458	ug/L			10/21/24 11:58	1
Chloroethane	<0.377		2.00	0.377	ug/L			10/21/24 11:58	1
Chloroform	<0.250		1.00	0.250	ug/L			10/21/24 11:58	1
Chloromethane	<0.410		3.00	0.410	ug/L			10/21/24 11:58	1
cis-1,2-Dichloroethene	<0.388		1.00	0.388	ug/L			10/21/24 11:58	1
cis-1,3-Dichloropropene	<0.115		1.00	0.115	ug/L			10/21/24 11:58	1
Dibromomethane	<0.309		1.00	0.309	ug/L			10/21/24 11:58	1
Dichlorodifluoromethane	<0.256		1.00	0.256	ug/L			10/21/24 11:58	1
Ethylbenzene	<0.213		1.00	0.213	ug/L			10/21/24 11:58	1
Hexachlorobutadiene	<0.417		1.00	0.417	ug/L			10/21/24 11:58	1

QC Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-14587/5
Matrix: Water
Analysis Batch: 14587

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.183		1.00	0.183	ug/L			10/21/24 11:58	1
Methyl-tert-butyl Ether (MTBE)	<0.393		1.00	0.393	ug/L			10/21/24 11:58	1
Methylene Chloride	<1.24		2.50	1.24	ug/L			10/21/24 11:58	1
n-Butylbenzene	<0.125		3.00	0.125	ug/L			10/21/24 11:58	1
N-Propylbenzene	<0.109		1.00	0.109	ug/L			10/21/24 11:58	1
Naphthalene	<0.240		2.00	0.240	ug/L			10/21/24 11:58	1
sec-Butylbenzene	<0.144		1.00	0.144	ug/L			10/21/24 11:58	1
Styrene	<0.136		1.00	0.136	ug/L			10/21/24 11:58	1
tert-Butylbenzene	<0.244		1.00	0.244	ug/L			10/21/24 11:58	1
Tetrachloroethene (PCE)	<0.178		1.00	0.178	ug/L			10/21/24 11:58	1
Toluene	<0.250		1.00	0.250	ug/L			10/21/24 11:58	1
trans-1,2-Dichloroethene	<0.193		1.00	0.193	ug/L			10/21/24 11:58	1
trans-1,3-Dichloropropene	<0.339		1.00	0.339	ug/L			10/21/24 11:58	1
Trichloroethene (TCE)	<0.204		1.00	0.204	ug/L			10/21/24 11:58	1
Trichlorofluoromethane	<0.159		1.00	0.159	ug/L			10/21/24 11:58	1
Vinyl chloride	<0.320		1.00	0.320	ug/L			10/21/24 11:58	1
Xylenes, Total	<0.374		1.50	0.374	ug/L			10/21/24 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*10/21/24 11:58*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*10/21/24 11:58*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*10/21/24 11:58*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*10/21/24 11:58*	*1*

Lab Sample ID: LCS 885-14587/4
Matrix: Water
Analysis Batch: 14587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.1	19.33		ug/L		96	70 - 130
Benzene	20.1	20.14		ug/L		100	70 - 130
Chlorobenzene	20.1	20.37		ug/L		102	70 - 130
Toluene	20.2	20.25		ug/L		100	70 - 130
Trichloroethene (TCE)	20.2	19.20		ug/L		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

QC Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-14209/13
Matrix: Water
Analysis Batch: 14209

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	<0.0132		0.0500	0.0132	mg/L			10/11/24 13:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*15 - 270*		*10/11/24 13:16*	*1*

Lab Sample ID: LCS 885-14209/12
Matrix: Water
Analysis Batch: 14209

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	0.500	0.5054		mg/L		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*214*		*15 - 270*

Lab Sample ID: 885-13532-1 MS
Matrix: Water
Analysis Batch: 14209

Client Sample ID: VZ-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	<0.0132		0.500	0.4985		mg/L		100	41 - 148

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*219*		*15 - 270*

Lab Sample ID: 885-13532-1 MSD
Matrix: Water
Analysis Batch: 14209

Client Sample ID: VZ-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	<0.0132		0.500	0.4934		mg/L		99	41 - 148	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*218*		*15 - 270*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-14129/1-A
Matrix: Water
Analysis Batch: 14128

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 14129

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<0.580		1.00	0.580	mg/L		10/11/24 11:11	10/11/24 13:39	1
Motor Oil Range Organics [C28-C40]	<1.30		5.00	1.30	mg/L		10/11/24 11:11	10/11/24 13:39	1

QC Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-14129/1-A
Matrix: Water
Analysis Batch: 14128

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 14129

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	106		46 - 159	10/11/24 11:11	10/11/24 13:39	1

Lab Sample ID: LCS 885-14129/2-A
Matrix: Water
Analysis Batch: 14128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 14129

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	2.50	2.278		mg/L		91	57 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	105		46 - 159

Lab Sample ID: 885-13532-2 MS
Matrix: Water
Analysis Batch: 14128

Client Sample ID: VZ-6
Prep Type: Total/NA
Prep Batch: 14129

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	<0.580		2.50	2.410		mg/L		96	33 - 161

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	102		46 - 159

Lab Sample ID: 885-13532-2 MSD
Matrix: Water
Analysis Batch: 14128

Client Sample ID: VZ-6
Prep Type: Total/NA
Prep Batch: 14129

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	<0.580		2.50	2.413		mg/L		97	33 - 161	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	101		46 - 159

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-14184/4
Matrix: Water
Analysis Batch: 14184

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250		0.500	0.250	mg/L			10/10/24 09:59	1
Fluoride	<0.0460		0.100	0.0460	mg/L			10/10/24 09:59	1
Sulfate	<0.250		0.500	0.250	mg/L			10/10/24 09:59	1

QC Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-14184/5
Matrix: Water
Analysis Batch: 14184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.732		mg/L		95	90 - 110
Fluoride	0.500	0.5148		mg/L		103	90 - 110
Sulfate	10.0	9.366		mg/L		94	90 - 110

Lab Sample ID: MRL 885-14184/3
Matrix: Water
Analysis Batch: 14184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5270		mg/L		105	50 - 150
Fluoride	0.100	0.1034		mg/L		103	50 - 150
Sulfate	0.500	0.4978	J	mg/L		100	50 - 150

Lab Sample ID: MB 885-14185/9
Matrix: Water
Analysis Batch: 14185

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	<0.250		0.500	0.250	mg/L			10/10/24 09:59	1

Lab Sample ID: LCS 885-14185/10
Matrix: Water
Analysis Batch: 14185

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Orthophosphate as P	5.00	4.759		mg/L		95	90 - 110

Lab Sample ID: MRL 885-14185/8
Matrix: Water
Analysis Batch: 14185

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Orthophosphate as P	0.500	0.5757		mg/L		115	50 - 150

Lab Sample ID: MB 885-14296/4
Matrix: Water
Analysis Batch: 14296

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250		0.500	0.250	mg/L			10/15/24 16:13	1
Fluoride	<0.0460		0.100	0.0460	mg/L			10/15/24 16:13	1
Sulfate	<0.250		0.500	0.250	mg/L			10/15/24 16:13	1

Lab Sample ID: LCS 885-14296/5
Matrix: Water
Analysis Batch: 14296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.692		mg/L		94	90 - 110
Fluoride	0.500	0.4853		mg/L		97	90 - 110

QC Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-14296/5
Matrix: Water
Analysis Batch: 14296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	9.292		mg/L		93	90 - 110

Lab Sample ID: MRL 885-14296/3
Matrix: Water
Analysis Batch: 14296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5223		mg/L		104	50 - 150
Fluoride	0.100	0.09440	J	mg/L		94	50 - 150
Sulfate	0.500	0.4797	J	mg/L		96	50 - 150

Lab Sample ID: MB 885-14297/4
Matrix: Water
Analysis Batch: 14297

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	<0.250		0.500	0.250	mg/L			10/15/24 16:13	1

Lab Sample ID: LCS 885-14297/5
Matrix: Water
Analysis Batch: 14297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Orthophosphate as P	5.00	4.630		mg/L		93	90 - 110

Lab Sample ID: MRL 885-14297/3
Matrix: Water
Analysis Batch: 14297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Orthophosphate as P	0.500	0.4706	J	mg/L		94	50 - 150

Lab Sample ID: MB 885-14316/39
Matrix: Water
Analysis Batch: 14316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250		0.500	0.250	mg/L			10/14/24 21:51	1
Fluoride	<0.0460		0.100	0.0460	mg/L			10/14/24 21:51	1
Sulfate	<0.250		0.500	0.250	mg/L			10/14/24 21:51	1

Lab Sample ID: MB 885-14316/4
Matrix: Water
Analysis Batch: 14316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250		0.500	0.250	mg/L			10/14/24 14:39	1
Fluoride	<0.0460		0.100	0.0460	mg/L			10/14/24 14:39	1
Sulfate	<0.250		0.500	0.250	mg/L			10/14/24 14:39	1

QC Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-14316/40
Matrix: Water
Analysis Batch: 14316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.801		mg/L		96	90 - 110
Fluoride	0.500	0.5217		mg/L		104	90 - 110
Sulfate	10.0	9.556		mg/L		96	90 - 110

Lab Sample ID: LCS 885-14316/5
Matrix: Water
Analysis Batch: 14316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.754		mg/L		95	90 - 110
Fluoride	0.500	0.5119		mg/L		102	90 - 110
Sulfate	10.0	9.489		mg/L		95	90 - 110

Lab Sample ID: MRL 885-14316/3
Matrix: Water
Analysis Batch: 14316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5272		mg/L		105	50 - 150
Fluoride	0.100	0.1009		mg/L		101	50 - 150
Sulfate	0.500	0.5318		mg/L		106	50 - 150

Lab Sample ID: MB 885-14317/39
Matrix: Water
Analysis Batch: 14317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	<0.0224		0.200	0.0224	mg/L			10/14/24 21:51	1

Lab Sample ID: LCS 885-14317/40
Matrix: Water
Analysis Batch: 14317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.548		mg/L		102	90 - 110
Nitrite	1.00	0.9365		mg/L		94	90 - 110

Lab Sample ID: MRL 885-14317/3
Matrix: Water
Analysis Batch: 14317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.1051		mg/L		105	50 - 150
Nitrite	0.100	0.1032		mg/L		103	50 - 150

QC Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MRL 885-14218/13
Matrix: Water
Analysis Batch: 14218

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.00200	0.002123		mg/L		106	50 - 150
Cadmium	0.00200	0.001656	J	mg/L		83	50 - 150
Chromium	0.00600	0.005470	J	mg/L		91	50 - 150
Silver	0.00500	0.004305	J	mg/L		86	50 - 150
Calcium	0.500	0.4917	J	mg/L		98	50 - 150
Iron	0.0200	<0.0260		mg/L		111	50 - 150
Magnesium	0.500	0.4999	J	mg/L		100	50 - 150
Potassium	0.500	0.5563	J	mg/L		111	50 - 150
Sodium	0.500	0.6524	J	mg/L		130	50 - 150

Lab Sample ID: MB 885-14118/1-A
Matrix: Water
Analysis Batch: 14218

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 14118

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.000950		0.00200	0.000950	mg/L		10/11/24 10:00	10/14/24 08:22	1
Cadmium	<0.00121		0.00200	0.00121	mg/L		10/11/24 10:00	10/14/24 08:22	1
Chromium	<0.00115		0.00600	0.00115	mg/L		10/11/24 10:00	10/14/24 08:22	1
Silver	<0.00130		0.00500	0.00130	mg/L		10/11/24 10:00	10/14/24 08:22	1
Calcium	<0.0461		1.00	0.0461	mg/L		10/11/24 10:00	10/14/24 08:22	1
Iron	<0.0260		0.0500	0.0260	mg/L		10/11/24 10:00	10/14/24 08:22	1
Magnesium	<0.110		1.00	0.110	mg/L		10/11/24 10:00	10/14/24 08:22	1
Potassium	<0.160		1.00	0.160	mg/L		10/11/24 10:00	10/14/24 08:22	1
Sodium	<0.460		1.00	0.460	mg/L		10/11/24 10:00	10/14/24 08:22	1

Lab Sample ID: LCS 885-14118/5-A
Matrix: Water
Analysis Batch: 14218

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 14118

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.500	0.4697		mg/L		94	80 - 120
Cadmium	0.500	0.4605		mg/L		92	80 - 120
Chromium	0.500	0.4562		mg/L		91	80 - 120
Silver	0.100	0.09574		mg/L		96	80 - 120
Calcium	50.0	50.94		mg/L		102	80 - 120
Iron	0.500	0.5058		mg/L		101	80 - 120
Magnesium	50.0	50.29		mg/L		101	80 - 120
Potassium	50.0	50.20		mg/L		100	80 - 120
Sodium	50.0	49.94		mg/L		100	80 - 120

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MRL 885-14379/14
Matrix: Water
Analysis Batch: 14379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00100	0.001089		mg/L		109	70 - 130
Lead	0.00100	0.0009608	J	mg/L		96	70 - 130

QC Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MRL 885-14379/14
Matrix: Water
Analysis Batch: 14379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.00100	0.001159		mg/L		116	70 - 130

Lab Sample ID: MRL 885-14422/9
Matrix: Water
Analysis Batch: 14422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00100	0.0009769	J	mg/L		98	70 - 130
Lead	0.00100	0.0009451	J	mg/L		95	70 - 130
Selenium	0.00100	0.0009375	J	mg/L		94	70 - 130

Lab Sample ID: MRL 885-14519/9
Matrix: Water
Analysis Batch: 14519

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00100	0.0009305	J	mg/L		93	70 - 130
Lead	0.00100	0.0009223	J	mg/L		92	70 - 130
Selenium	0.00100	0.0009210	J	mg/L		92	70 - 130

Lab Sample ID: MB 885-14118/1-A
Matrix: Water
Analysis Batch: 14379

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 14118

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00250		0.00500	0.00250	mg/L		10/11/24 10:00	10/15/24 11:31	5
Lead	<0.00300		0.00500	0.00300	mg/L		10/11/24 10:00	10/15/24 11:31	5

Lab Sample ID: MB 885-14118/1-A
Matrix: Water
Analysis Batch: 14422

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 14118

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00250		0.00500	0.00250	mg/L		10/11/24 10:00	10/16/24 10:19	5
Lead	<0.00300		0.00500	0.00300	mg/L		10/11/24 10:00	10/16/24 10:19	5
Selenium	<0.00400		0.00500	0.00400	mg/L		10/11/24 10:00	10/16/24 10:19	5

Lab Sample ID: LCS 885-14118/3-A
Matrix: Water
Analysis Batch: 14379

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 14118

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0500	0.05564		mg/L		111	80 - 120
Lead	0.0500	0.05066		mg/L		101	80 - 120

QC Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 885-14118/3-A
Matrix: Water
Analysis Batch: 14422

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 14118

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0500	0.05160		mg/L		103	80 - 120
Lead	0.0500	0.05271		mg/L		105	80 - 120
Selenium	0.0500	0.05197		mg/L		104	80 - 120

Lab Sample ID: 885-13532-1 MS
Matrix: Water
Analysis Batch: 14519

Client Sample ID: VZ-5
Prep Type: Total Recoverable
Prep Batch: 14118

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0171		0.0500	0.06264		mg/L		91	75 - 125
Lead	<0.00600		0.0500	0.05566		mg/L		111	75 - 125
Selenium	<0.00800		0.0500	0.05126		mg/L		103	75 - 125

Lab Sample ID: 885-13532-1 MSD
Matrix: Water
Analysis Batch: 14519

Client Sample ID: VZ-5
Prep Type: Total Recoverable
Prep Batch: 14118

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.0171		0.0500	0.06504		mg/L		96	75 - 125	4	20
Lead	<0.00600		0.0500	0.05460		mg/L		109	75 - 125	2	20
Selenium	<0.00800		0.0500	0.05195		mg/L		104	75 - 125	1	20

Lab Sample ID: LLCS 885-14409/2-A
Matrix: Water
Analysis Batch: 14519

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 14409

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00100	<0.00250		mg/L		158	
Lead	0.00100	<0.00300		mg/L		104	
Selenium	0.00100	<0.00400		mg/L		203	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MRL 885-14252/9-A
Matrix: Water
Analysis Batch: 14405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 14252

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000150	<0.000122		mg/L		76	50 - 150

Lab Sample ID: MB 885-14255/1-A
Matrix: Water
Analysis Batch: 14405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 14255

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000120		0.000200	0.000120	mg/L		10/14/24 13:17	10/15/24 14:10	1

QC Sample Results

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 885-14255/3-A
Matrix: Water
Analysis Batch: 14405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 14255

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.004875		mg/L		97	85 - 115

Lab Sample ID: LLCS 885-14255/2-A
Matrix: Water
Analysis Batch: 14405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 14255

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000150	0.0001386	J	mg/L		92	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-14268/1
Matrix: Water
Analysis Batch: 14268

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<25.0		50.0	25.0	mg/L			10/14/24 16:00	1

Lab Sample ID: LCS 885-14268/2
Matrix: Water
Analysis Batch: 14268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1008		mg/L		101	80 - 120

QC Association Summary

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

GC/MS VOA

Analysis Batch: 14587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	8260B	
885-13532-2	VZ-6	Total/NA	Water	8260B	
MB 885-14587/5	Method Blank	Total/NA	Water	8260B	
LCS 885-14587/4	Lab Control Sample	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 14209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	8015D	
885-13532-2	VZ-6	Total/NA	Water	8015D	
MB 885-14209/13	Method Blank	Total/NA	Water	8015D	
LCS 885-14209/12	Lab Control Sample	Total/NA	Water	8015D	
885-13532-1 MS	VZ-5	Total/NA	Water	8015D	
885-13532-1 MSD	VZ-5	Total/NA	Water	8015D	

GC Semi VOA

Analysis Batch: 14128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	8015D	14129
885-13532-2	VZ-6	Total/NA	Water	8015D	14129
MB 885-14129/1-A	Method Blank	Total/NA	Water	8015D	14129
LCS 885-14129/2-A	Lab Control Sample	Total/NA	Water	8015D	14129
885-13532-2 MS	VZ-6	Total/NA	Water	8015D	14129
885-13532-2 MSD	VZ-6	Total/NA	Water	8015D	14129

Prep Batch: 14129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	3511	
885-13532-2	VZ-6	Total/NA	Water	3511	
MB 885-14129/1-A	Method Blank	Total/NA	Water	3511	
LCS 885-14129/2-A	Lab Control Sample	Total/NA	Water	3511	
885-13532-2 MS	VZ-6	Total/NA	Water	3511	
885-13532-2 MSD	VZ-6	Total/NA	Water	3511	

HPLC/IC

Analysis Batch: 14184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	300.0	
885-13532-2	VZ-6	Total/NA	Water	300.0	
885-13532-2	VZ-6	Total/NA	Water	300.0	
MB 885-14184/4	Method Blank	Total/NA	Water	300.0	
LCS 885-14184/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-14184/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 14185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	300.0	
885-13532-2	VZ-6	Total/NA	Water	300.0	
MB 885-14185/9	Method Blank	Total/NA	Water	300.0	

QC Association Summary

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

HPLC/IC (Continued)

Analysis Batch: 14185 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-14185/10	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-14185/8	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 14296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-2	VZ-6	Total/NA	Water	300.0	
MB 885-14296/4	Method Blank	Total/NA	Water	300.0	
LCS 885-14296/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-14296/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 14297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-14297/4	Method Blank	Total/NA	Water	300.0	
LCS 885-14297/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-14297/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 14316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-14316/39	Method Blank	Total/NA	Water	300.0	
MB 885-14316/4	Method Blank	Total/NA	Water	300.0	
LCS 885-14316/40	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-14316/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-14316/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 14317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	300.0	
885-13532-2	VZ-6	Total/NA	Water	300.0	
MB 885-14317/39	Method Blank	Total/NA	Water	300.0	
MB 885-14317/4	Method Blank	Total/NA	Water	300.0	
LCS 885-14317/40	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-14317/3	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 14118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total Recoverable	Water	3005A	
885-13532-2	VZ-6	Total Recoverable	Water	3005A	
MB 885-14118/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 885-14118/3-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCS 885-14118/5-A	Lab Control Sample	Total Recoverable	Water	3005A	
885-13532-1 MS	VZ-5	Total Recoverable	Water	3005A	
885-13532-1 MSD	VZ-5	Total Recoverable	Water	3005A	

Analysis Batch: 14218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total Recoverable	Water	6010B	14118
885-13532-1	VZ-5	Total Recoverable	Water	6010B	14118
885-13532-2	VZ-6	Total Recoverable	Water	6010B	14118
885-13532-2	VZ-6	Total Recoverable	Water	6010B	14118

QC Association Summary

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Metals (Continued)

Analysis Batch: 14218 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-14118/1-A	Method Blank	Total Recoverable	Water	6010B	14118
LCS 885-14118/5-A	Lab Control Sample	Total Recoverable	Water	6010B	14118
MRL 885-14218/13	Lab Control Sample	Total/NA	Water	6010B	

Prep Batch: 14252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-14252/9-A	Lab Control Sample	Total/NA	Water	245.1	

Prep Batch: 14255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	7470A	
885-13532-2	VZ-6	Total/NA	Water	7470A	
MB 885-14255/1-A	Method Blank	Total/NA	Water	7470A	
LCS 885-14255/3-A	Lab Control Sample	Total/NA	Water	7470A	
LLCS 885-14255/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 14379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-14118/1-A	Method Blank	Total Recoverable	Water	6020A	14118
LCS 885-14118/3-A	Lab Control Sample	Total Recoverable	Water	6020A	14118
MRL 885-14379/14	Lab Control Sample	Total/NA	Water	6020A	

Analysis Batch: 14405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	7470A	14255
885-13532-2	VZ-6	Total/NA	Water	7470A	14255
MB 885-14255/1-A	Method Blank	Total/NA	Water	7470A	14255
LCS 885-14255/3-A	Lab Control Sample	Total/NA	Water	7470A	14255
LLCS 885-14255/2-A	Lab Control Sample	Total/NA	Water	7470A	14255
MRL 885-14252/9-A	Lab Control Sample	Total/NA	Water	7470A	14252

Prep Batch: 14409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 885-14409/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 14422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-2	VZ-6	Total Recoverable	Water	6020A	14118
MB 885-14118/1-A	Method Blank	Total Recoverable	Water	6020A	14118
LCS 885-14118/3-A	Lab Control Sample	Total Recoverable	Water	6020A	14118
MRL 885-14422/9	Lab Control Sample	Total/NA	Water	6020A	

Analysis Batch: 14519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total Recoverable	Water	6020A	14118
LLCS 885-14409/2-A	Lab Control Sample	Total Recoverable	Water	6020A	14409
MRL 885-14519/9	Lab Control Sample	Total/NA	Water	6020A	
885-13532-1 MS	VZ-5	Total Recoverable	Water	6020A	14118
885-13532-1 MSD	VZ-5	Total Recoverable	Water	6020A	14118

QC Association Summary

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

General Chemistry

Analysis Batch: 14268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	2540C	
885-13532-2	VZ-6	Total/NA	Water	2540C	
MB 885-14268/1	Method Blank	Total/NA	Water	2540C	
LCS 885-14268/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 14386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	SM 2510B	
885-13532-2	VZ-6	Total/NA	Water	SM 2510B	

Analysis Batch: 14387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13532-1	VZ-5	Total/NA	Water	SM 4500 H+ B	
885-13532-2	VZ-6	Total/NA	Water	SM 4500 H+ B	

Lab Chronicle

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Client Sample ID: VZ-5

Date Collected: 10/08/24 09:35
Date Received: 10/09/24 13:24

Lab Sample ID: 885-13532-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	14587	JR	EET ALB	10/21/24 13:20
Total/NA	Analysis	8015D		1	14209	JP	EET ALB	10/11/24 22:39
Total/NA	Prep	3511			14129	DH	EET ALB	10/11/24 11:11
Total/NA	Analysis	8015D		1	14128	EM	EET ALB	10/11/24 15:03
Total/NA	Analysis	300.0		1	14184	RC	EET ALB	10/10/24 17:11
Total/NA	Analysis	300.0		1	14185	RC	EET ALB	10/10/24 17:11
Total/NA	Analysis	300.0		5	14317	RC	EET ALB	10/14/24 22:41
Total Recoverable	Prep	3005A			14118	JE	EET ALB	10/11/24 10:02
Total Recoverable	Analysis	6010B		1	14218	VP	EET ALB	10/14/24 09:28
Total Recoverable	Prep	3005A			14118	JE	EET ALB	10/11/24 10:02
Total Recoverable	Analysis	6010B		10	14218	VP	EET ALB	10/14/24 09:31
Total Recoverable	Prep	3005A			14118	JE	EET ALB	10/11/24 10:02
Total Recoverable	Analysis	6020A		10	14519	BV	EET ALB	10/17/24 12:03
Total/NA	Prep	7470A			14255	JR	EET ALB	10/14/24 13:17
Total/NA	Analysis	7470A		1	14405	JR	EET ALB	10/15/24 17:31
Total/NA	Analysis	2540C		1	14268	KB	EET ALB	10/14/24 16:00
Total/NA	Analysis	SM 2510B		1	14386	KB	EET ALB	10/15/24 16:41
Total/NA	Analysis	SM 4500 H+ B		1	14387	KB	EET ALB	10/15/24 16:41

Client Sample ID: VZ-6

Date Collected: 10/08/24 11:45
Date Received: 10/09/24 13:24

Lab Sample ID: 885-13532-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	14587	JR	EET ALB	10/21/24 13:48
Total/NA	Analysis	8015D		1	14209	JP	EET ALB	10/11/24 23:49
Total/NA	Prep	3511			14129	DH	EET ALB	10/11/24 11:11
Total/NA	Analysis	8015D		1	14128	EM	EET ALB	10/11/24 15:16
Total/NA	Analysis	300.0		200	14296	RC	EET ALB	10/15/24 17:08
Total/NA	Analysis	300.0		1	14184	RC	EET ALB	10/10/24 17:36
Total/NA	Analysis	300.0		1	14185	RC	EET ALB	10/10/24 17:36
Total/NA	Analysis	300.0		20	14184	RC	EET ALB	10/10/24 17:48
Total/NA	Analysis	300.0		5	14317	RC	EET ALB	10/14/24 22:53
Total Recoverable	Prep	3005A			14118	JE	EET ALB	10/11/24 10:02
Total Recoverable	Analysis	6010B		1	14218	VP	EET ALB	10/14/24 09:33
Total Recoverable	Prep	3005A			14118	JE	EET ALB	10/11/24 10:02
Total Recoverable	Analysis	6010B		10	14218	VP	EET ALB	10/14/24 09:35
Total Recoverable	Prep	3005A			14118	JE	EET ALB	10/11/24 10:02
Total Recoverable	Analysis	6020A		10	14422	BV	EET ALB	10/16/24 13:01
Total/NA	Prep	7470A			14255	JR	EET ALB	10/14/24 13:17
Total/NA	Analysis	7470A		1	14405	JR	EET ALB	10/15/24 17:33
Total/NA	Analysis	2540C		1	14268	KB	EET ALB	10/14/24 16:00
Total/NA	Analysis	SM 2510B		1	14386	KB	EET ALB	10/15/24 16:45

Lab Chronicle

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Client Sample ID: VZ-6

Date Collected: 10/08/24 11:45
Date Received: 10/09/24 13:24

Lab Sample ID: 885-13532-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 H+ B		1	14387	KB	EET ALB	10/15/24 16:45

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Parkhill
Job ID: 885-13532-1
Project/Site: NDBL Vadose Sampling

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Fluoride
300.0		Water	Nitrate Nitrite as N
300.0		Water	Orthophosphate as P
300.0		Water	Sulfate
6010B	3005A	Water	Barium
6010B	3005A	Water	Cadmium
6010B	3005A	Water	Calcium
6010B	3005A	Water	Chromium
6010B	3005A	Water	Iron
6010B	3005A	Water	Magnesium
6010B	3005A	Water	Potassium
6010B	3005A	Water	Silver
6010B	3005A	Water	Sodium
6020A	3005A	Water	Arsenic
6020A	3005A	Water	Lead
6020A	3005A	Water	Selenium
7470A	7470A	Water	Mercury
8015D		Water	Gasoline Range Organics [C6 - C10]
8015D	3511	Water	Diesel Range Organics [C10-C28]
8015D	3511	Water	Motor Oil Range Organics [C28-C40]
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone

Accreditation/Certification Summary

Client: Parkhill
Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total
SM 2510B		Water	Specific Conductance
SM 4500 H+ B		Water	pH

Oregon	NELAP	NM100001	02-26-25

Released to Imaging: 9/17/2025 10:59:32 AM
Received by OCD: 9/17/2025 9:33:18 AM

Chain-of-Custody Record

Client: Parkhill

333 Rio Rancho Blvd. NE #400

Mailing Address: Rio Rancho, NM 87124

Phone #: (505) 504-7765

email or Fax#: ayuhas@parkhill.com

QA/QC Package:

☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☑ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☑ Standard ☐ Rush

Project Name: NDBL Vadose Sampling

Project #: 42881.24

Project Manager: Andy Yuhas

Sampler: ~~Matt Kingsley~~ Andy Yuhas

On Ice: ~~☐~~ Yes ☐ No

# of Coolers: 1 MOIO

Cooler Temp(including CF): 2.0+0.3=1.7 (°C)

HALL ENVIRONM
ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-13532 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA) 82608	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Attached List
10/8	0935	AQ	VZ-5	8 1	HCl 1	1								X			X
10/8	1145	AQ	VZ-6	8 1	HCl 1	2								X			X

Date: 10/9 Time: 1324 Relinquished by:

Received by: Via: Date 10/9/24 Time 13:24

Date: Time: Relinquished by:

Received by: Via: Date Time

Remarks: please see attached analyte list for these samples.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Page 31 of 33

10/24/2024

ALTERNATE PARAMETER LIST
OWL NDBL

Inorganic Parameters	EPA Method
Metals	
Arsenic, As	6020A
Lead, Pb	6020A
Selenium, Se	6020A
Barium, Ba	6010B
Cadmium, Cd	6010B
Calcium, Ca	6010B
Chromium, Cr	6010B
Iron, Fe	6010B
Magnesium, Mg	6010B
Potassium, K	6010B
Silver, Ag	6010B
Sodium, Na	6010B
Mercury, Hg	7470A
Other Inorganic Chemicals	
Fluoride, F	300.0
Chloride, Cl^-	300.0
Nitrate as N, NO_3-N	300.0
Phosphate, PO_4^{2-}	300.0
Sulfate, SO_4^{2-}	300.0
Physical Parameters	
Specific Conductance	SM 2510B
Total Dissolved Solids, TDS	SM 2540C
pH	SM 4500-H+B
Organic Parameters	
Volatile Oranic Compounds (VOCs)	8260B
Benzene	8260B
Ethylbenzene	8260B
Toluene	8260B
Xylenes (Total)	8260B
TPH	
Diesel Range Organics (DRO)	8015M/D
Motor Oil ange Organics (MRO)	8015M/D
Gasoline Range Organics (GRO)	8015D

Login Sample Receipt Checklist

Client: Parkhill

Job Number: 885-13532-1

Login Number: 13532
List Number: 1
Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	False	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

EXHIBIT E: VZM WELL 1-10 SOIL VAPOR SCREENING RESULTS

5619

Vadose Zone Well Vapor Monitoring Form

OWL Landfill Services, LLC

Monitoring Personnel Andy Yuhas **Date** 10/8/24

Weather Information

Date, Amount of Last Precipitation: 9/21/24; 0.04"

Temp: 59 °F

Wind Speed: Calm mph

Wind Direction: —

Barometric Pressure: 30.03 inches mercury (Hg)

Weather Conditions: clear, cool

Casing Volume (ft^3) = Radius $(ft)^2$ x π x TD (ft)

Calculated Casinng Volume	
Casing Diameter	Casing Vol/ft
2-inch	0.0218 ft^3/ft
4-inch	0.0873 ft^3/ft

Equipment Information

Monitoring Equipment Used: LandTEC GEM5000

Date and Time Last Calibrated: 10/8/24; 0730

Well I.D.	Well Diameter (inches)	Total Well Depth (ftbtoc)	Casing Volume (ft^3)	Purge Start Time	Elapsed Purge Time (min)	Well Vapor Measurements: Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Hydrogen Sulfide Gas (%)	Comments
AMB	—	—	—	—	—	20.5	0.1	0.0	1	AMB 0740
VZ-9	2"	50.30	—	0758	300	20.8	0.1	0.0	1	DRY
VZ-10	2"	52.30	—	0811	300	19.9	0.9	0.0	1	DRY
VZ-8	2"	37.60	—	0825	300	20.6	0.1	0.0	1	37.49? "DRY"
VZ-7	2"	44.77	—	0837	300	20.4	0.2	0.0	1	DRY
VZ-5	2"	56.50	—	0904	300	20.4	0.0	0.0	2	43.4' DTW
VZ-4	2"	50.50	—	1010	300	20.0	0.4	0.0	3	48.14
VZ-3	2"	42.09	—	1026	300	19.6	0.7	0.0	2	Dry
VZ-2	2"	43.99		1036	300	20.0	0.4	0.0	3	Dry
VZ-1	2"	51.23		1052	300	20.5	0.1	0.0	3	Dry
VZ-6	2"	62.10		1113	300	19.9	1.0	0.0	4	56.00
AMB	—	—	—	—	—	21.1	0.0	0.0	3	AMB 1125

A:\2023\40720 23\03_DSGN\03_REPT\02_VADOSE_ZONE_MONITORING\OWL-II 9-Att II 9 C-VZMForm_REV_2-27-2020.xls\VZMForm

EXHIBIT F: NEARBY WEATHER STATION PRECIPITATION DATA

Released to Imaging: 9/17/2025 10:59:32 AM
Received by OCD: 9/17/2025 9:33:18 AM

Exhibit F

Nearby Weather Station Precipitation data, 2023-2024 Current and Historical Averages

Station	Dist. (mi) [1]	P.O.R.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	ANN. [2]
Jal Co-op Station (294346) [3]	26.75	1981-2010	0.48	0.54	0.55	0.78	1.56	1.62	2.09	1.92	2.14	1.30	0.66	0.54	14.18
Ochoa Co-op Station (296281) [3]	17.94	1981-2010	0.46	0.54	0.56	0.63	1.38	1.60	2.06	1.90	1.85	1.37	0.64	0.52	13.51
WIPP Co-op Station (299569) [3]	18.60	1981-2010	0.47	0.52	0.58	0.64	1.17	1.74	2.22	2.01	1.96	1.11	0.34	0.61	13.37
Station	**(mi) [1]**	**P.O.R.**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct 23**	**Nov 23**	**Dec 23**	**ANN. [2]**
El Capitan PWS (KNMJAL2) [4]	17.71	10/23 to 09/24	0.38	0.46	0.12	0.17	0.94	0.11	0.00	0.00	0.00	1.51	0.28	0.47	4.44
Red Hills PWS (KNMJAL7) [4]	2.22	10/23 to 09/24	0.12	0.21	0.00	0.00	0.00	0.60	0.85	0.36	1.43	1.37*	0.49	0.22	4.28

NOTES:

P.O.R.: Period of Record

[1]: "Dist." represents the distance from eachweather station to the NDBL Facility

[2]: "ANN" refers to annual average rainfall for historic data stations, and 12-month rolling total rainfall for nearby Personal Weather Stations (PWS)

[3]: Co-op station data are obtained from the Western Regional Climate Center (https://wrcc.dri.edu/Climate/west_coop_summaries.php)

[4]: Personal Weather Station data obtained from individual PWS web pages hosted by Weather Underground (https://www.wunderground.com/dashboard/pws/KNMJAL2 and https://www.wunderground.com/dashboard/pws/KNMJAL7)

*: Rainfall for October 2023 contains an outlier (12.32" rain recorded in 60 minutes on 10/3/2023) that coincides with an apparent instrument malfunction on that day. The anomalous value has been removed from this table.

ATTACHMENT II.8.B
Pond Integrity/Leak Detection Inspection Form (Typical)
OWL Landfill Services, LLC

Page _____ of _____

Date: 1/26/2024
Time: 11:00am

Inspector(s): Fabian

Weather:

Temperature 50 deg. F
Skies Cloudy
Wind Speed 15 mph
Wind Direction West *(direction blowing from)*

Precipitation (last 24 hours) _____ inches

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

Pond Condition

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond	None	None	None	N/A

Leak Detection System

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
Cell 1	None	None
Cell 2	None	None
Cell 3	None	None
Cell 4	None	None
Cell 5	None	None
Pad	None	None
Pond	None	None

NOTES:

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ATTACHMENT II.8.B
Pond Integrity/Leak Detection Inspection Form (Typical)
OWL Landfill Services, LLC

Page _____ of _____

Date: 2/29 2024
Time: 2:20 AM

Inspector(s): FABIAN

Weather:

Temperature 47 deg. F

Precipitation (last 24 hours) _____ inches

Skies Cloudy Rainy

Wind Speed 8-9 mph

Wind Direction South *(direction blowing from)*

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

Pond Condition

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond	✓	—	—	NONE

Leak Detection System

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
Pond	NONE	NONE
Pad	NONE	NONE
Cell 1	NONE	NONE
Cell 2	NONE	NONE
Cell 3	NONE	NONE
Cell 4	NONE	NONE
Cell 5	NONE	NONE

NOTES:

P:\FILES\560.01.02\PermitAppl\Volume II\II.8-Leachate\II.8-Orig\na\OWL-II.8-Att II.8.B-PondLeakInspect_Feb.2016

ATTACHMENT II.8.B
Pond Integrity/Leak Detection Inspection Form (Typical)
OWL Landfill Services, LLC

Page _____ of _____

Date: 3/13/2025 **Inspector(s):** Katherine

Time: _____

Weather:

Temperature 53 deg. F Precipitation (last 24 hours) _____ inches

Skies Cloudy

Wind Speed mild mph

Wind Direction _____ *(direction blowing from)*

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

Pond Condition

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond	None	None	None	None

Leak Detection System

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
Cell 1	None	NONE
Cell 2	None	NONE
Cell 3	None	NONE
Cell 4	None	NONE
Cell 5	None	NONE
Pond	None	NONE
Pad	NONE	NONE

NOTES:

P:\FILES\560.01.02\Permit\Appl\Volume II\II.8-Leachate\II.8-Original\OWL-II.8-Att II.8.B-PondLeakInspect_Feb.2016

ATTACHMENT II.8.B
Pond Integrity/Leak Detection Inspection Form (Typical)
OWL Landfill Services, LLC

Page _____ of _____

Date: 4/26/2024
Time: 2:00 pm

Inspector(s): Fabiana Fabela

Weather:

Temperature 80 deg. F

Precipitation (last 24 hours) _____ inches

Skies Windy

Wind Speed 20 mph

Wind Direction Southwest (direction blowing from)

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

Pond Condition

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond	✓	✓	✓	NONE

Leak Detection System

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
Cell 1	NONE	NONE
Cell 2	NONE	NONE
Cell 3	NONE	NONE
Cell 4	NONE	NONE
Cell 5	NONE	NONE
Pond	NONE	NONE
Pad	NONE	NONE

NOTES:

P:\FILES\560.01.02\Permit\Appl\Volume II\II.8-Leachate\II.8-Original\OWL-II.8-Att II.8.B-PondLeakInspect_Feb.2016

ATTACHMENT II.8.B
Pond Integrity/Leak Detection Inspection Form (Typical)
OWL Landfill Services, LLC

Page _____ of _____

Date: May 30 2024
Time: 1:00 pm

Inspector(s): Fabian -

Weather:

Temperature 95° deg. F

Precipitation (last 24 hours) _____ inches

Skies Cloudy

Wind Speed 13 mph mph

Wind Direction South *(direction blowing from)*

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

Pond Condition

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond 1	NONE	NONE	✓	NONE

Leak Detection System

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
Cell 1	NONE	NONE
Cell 2	NONE	NONE
Cell 3	NONE	NONE
Cell 4	NONE	NONE
Cell 5	NONE	NONE
Pond	NONE	NONE
Pad	NONE	NONE

NOTES:

ATTACHMENT II.1.D
Pond Integrity/Leak Detection Inspection Checklist
OWL Landfill Services, LLC

Page _____ of _____

Date: JUNE 28 2024 **Inspector(s):** FABIAN

Time: 8:00 A.M.

Weather:

Temperature 80° deg. F Precipitation (last 24 hours) _____ inches

Skies CLEAR

Wind Speed 12 mph

Wind Direction South *(direction blowing from)*

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

POND CONDITION

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond	NONE	NONE	NONE	Ø

LEAK DETECTION SYSTEM

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
Pond	Ø	NONE
CELL 1	Ø	NONE
CELL 2AB	Ø	NONE
CELL 3	Ø	NONE
CELL 4	Ø	NONE
CELL 5	Ø	NONE
Drying Pad	Ø	NONE

NOTES:

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ATTACHMENT II.1.D
Pond Integrity/Leak Detection Inspection Checklist
OWL Landfill Services, LLC

Page _____ of _____

Date: 7/24/2024
Time: 1:30 pm

Inspector(s): FABIAN

Weather:

Temperature 93° deg. F

Precipitation (last 24 hours) _____ inches

Skies CLEAR SKIES

Wind Speed 10 mph

Wind Direction South West *(direction blowing from)*

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

POND CONDITION

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond	✓	✓	✓	NONE

LEAK DETECTION SYSTEM

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
CELL 1	Ø	NONE
CELL 2 AB	Ø	NONE
CELL 3	Ø	NONE
CELL 4	Ø	NONE
CELL 5	Ø	NONE
pad	Ø	NONE
Drying pad	Ø	NONE

NOTES:

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ATTACHMENT II.8.B
Pond Integrity/Leak Detection Inspection Form (Typical)
OWL Landfill Services, LLC

Page _____ of _____

Date: 8/30/2024
Time: 10:14 am

Inspector(s): Fab

Weather:

Temperature 74 deg. F

Skies Cloudy

Wind Speed 10-15 mph

Wind Direction NE *(direction blowing from)*

Precipitation (last 24 hours) _____ inches

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

Pond Condition

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond	NONE	NONE	NONE	N/A

Leak Detection System

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
Cell 1	Ø	NONE
Cell 2	Ø	NONE
Cell 3	Ø	NONE
Cell 4	Ø	NONE
Cell 5	Ø	NONE
Pond	Ø	NONE
DP	Ø	NONE

NOTES:

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ATTACHMENT II.8.B
Pond Integrity/Leak Detection Inspection Form (Typical)
OWL Landfill Services, LLC

Page ____ of ____

Date: 9/30/2024
Time: 2.05p.m.

Inspector(s): Fabian

Weather:

Temperature 86° deg. F

Precipitation (last 24 hours) _____ inches

Skies Clear -

Wind Speed 9 mph

Wind Direction North *(direction blowing from)*

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

Pond Condition

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond	✓	✓	✓	NONE

Leak Detection System

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
CELL 1Ab	0	NONE
CELL 2Ab	0	NONE
CELL 3	0	NONE
CELL 4	0	NONE
CELL 5	0	NONE
POND	0	NONE
PAD	0	NONE

NOTES:

ATTACHMENT II.8.B
Pond Integrity/Leak Detection Inspection Form (Typical)
OWL Landfill Services, LLC

Page _____ of _____

Date: 10/30/2024
Time: 2:00

Inspector(s):
FAB

Weather:
Temperature 80° deg. F
Skies good
Wind Speed 14 mph
Wind Direction South *(direction blowing from)*

Precipitation (last 24 hours) _____ inches

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

Pond Condition

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond 1	NONE	NONE	NONE	N/A

Leak Detection System

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
CELL 1	0	NONE
CELL 2	0	NONE
CELL 3	0	NONE
CELL 4	0	NONE
CELL 5	0	NONE
POND	0	NONE
DRAINAGE	0	NONE

NOTES:

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ATTACHMENT II.8.B
Pond Integrity/Leak Detection Inspection Form (Typical)
OWL Landfill Services, LLC

Page ____ of ____

Date: 11/29/2024
Time: 1200pm

Inspector(s): FABIAN

Weather:

Temperature 43° deg. F

Skies Clear

Wind Speed 10 mph mph

Wind Direction North *(direction blowing from)*

Precipitation (last 24 hours) 0 inches

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

Pond Condition

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond	NONE	NONE	NONE	0

Leak Detection System

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
Pond	0	NONE
Cell 1ab	0	NONE
Cell 2ab	0	NONE
Cell 3	0	NONE
Cell 4	0	NONE
Cell 5	0	NONE
DP	0	NONE

NOTES:

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ATTACHMENT II.8.B
Pond Integrity/Leak Detection Inspection Form (Typical)
OWL Landfill Services, LLC

Page ____ of ____

Date: 12/27/2024
Time: 12:30 pm

Inspector(s): Fabian

Weather:

Temperature 65° deg. F

Precipitation (last 24 hours) 0 inches

Skies Clear

Wind Speed 10 mph

Wind Direction Southwest *(direction blowing from)*

NOTES:
"X" indicates that a Deficiency has been noted. "P" indicates that a Photograph has been taken. "S" indicates that a Sample has been collected. Complete descriptions of Deficiencies, Photographs, and Samples are provided on attached pages. Items are referenced by Location.

Pond Condition

Location	Item			
	Erosion	Vegetation Established	Vectors	Sample
Pond	None	None	None	N/A

Leak Detection System

Riser #	Deficiency	
	Depth of H_2O	Structural Defect
Pond	0	None
Cell 1ab	0	None
Cell 2ab	0	None
Cell 3	0	None
Cell 4	0	None
Cell 5	0	None
Drying Pad	0	None

NOTES:

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ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: 1/19/2024 **Print Name:** _____

Others: _____ **Signature:** _____

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	✓	
Pit and Pond condition	✓	
Pit and Pond marker numbers	✓	
Treatment Plant inspection	✓	
Solid waste disposal area inspection	✓	
Blowing trash	✓	Crew Picked up Trash
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	
Leak detection sumps - Drying Pad - Liquid present?	✓	
Landfill Leachate Sump	✓	
Groundwater Monitoring	✓	Done By PSL
Pond Sludge Depth	✓	

***Comments & Repairs:** Rough week for the mud plant Temps have dropped and froze everything up. We were able to get them thawed out and things back moving. Will this week. Drying Pad is good & landfill is good. Gravis 84-1 working on pipe with H_2S at the shop - Heavy Equipment has been up and running. **READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS** No water in sump collection

Evaporation Pond (readings in ppm): 0 ppm H_2S No Birds in Pond

POND	
1	
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*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval

Name: _____

Date: _____

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ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: 2/29/2024 **Print Name:** _____

Others: _____ **Signature:** _____

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	✓	
Pit and Pond condition	✓	
Pit and Pond marker numbers	✓	
Treatment Plant inspection	✓	Working On New Set up
Solid waste disposal area inspection	✓	
Blowing trash	✓	Good But Needs MATERIAL MAINTENANCE
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	
Leak detection sumps - Drying Pad - Liquid present?	✓	
Landfill Leachate Sump	✓	
Groundwater Monitoring	✓	Done By PSC
Pond Sludge Depth		

*Comments & Repairs: Drying pad is getting Not Used with trucks But I.V. is Getting Kept up Mud Pond is Struggling With A Couple Centrifuges down. & Currently Working On getting them up. New Centrifuges will Need New Programs. Still HAVE Equipment Issues.

READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm): 0 2/28 No Birds my Pond MD 2/20, 24 SWPPP Collection

POND
1
2
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*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval

Name: _____

Date: _____

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ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: 3/14/2024 **Print Name:** ____________________

Others: ____________________ **Signature:** ____________________

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	✓	
Pit and Pond condition	✓	
Pit and Pond marker numbers	✓	
Treatment Plant inspection	✓	
Solid waste disposal area inspection	✓	
Blowing trash	✓	
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	
Leak detection sumps - Drying Pad - Liquid present?	✓	
Landfill Leachate Sump	✓	
Groundwater Monitoring	✓	
Pond Sludge Depth		

***Comments & Repairs:** Mud plant is Running good + Construction continues to move forward. on the New setup worked this week on setting up the New centrifuges setting so they can run properly drying pad is getting hit hard with traffic but is still in good shape we are having some equipment issues with dump trucks and keeping equipment running

H_2S READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm): 0 H_2S No water in sump collection area No Birds in pond

POND

1
2
3
4
5
6
7
8
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12

*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval

Name: ____________________

Date: ____________________

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Released to Imaging: 9/17/2025 10:59:32 AM

ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: 4/16/2024 **Print Name:** _____

Others: _____ **Signature:** _____

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	✓	
Pit and Pond condition	✓	
Pit and Pond marker numbers	✓	
Treatment Plant inspection	✓	
Solid waste disposal area inspection	✓	
Blowing trash	✓	
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	
Leak detection sumps - Drying Pad - Liquid present?	✓	
Landfill Leachate Sump	✓	
Groundwater Monitoring	✓	Will Be monitored on the 22nd
Pond Sludge Depth	-	

***Comments & Repairs:** Plant ran good This Week With No Equipment issues. Drive path is in excellent shape it is Empty And HAULING daytoday Cell 1 Construction ON Cell 2&3 is Going to Move forward. HAVING Issues With HEAVY EQUIPMENT H_2S – Construction On NEW Shop is moving Along

READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm): Ø No Water in SWPPP No Birds in Pond.

POND
1
2
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12

*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval
Name: _____

Date: _____

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ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: 5/24/2024 **Print Name:** _____

Others: _____ **Signature:** _____

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	✓	
Pit and Pond condition	✓	
Pit and Pond marker numbers	✓	
Treatment Plant inspection	✓	
Solid waste disposal area inspection	✓	
Blowing trash		HAVE CREW WALK AROUND AND PICK UP TRASH
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	
Leak detection sumps - Drying Pad - Liquid present?	✓	
Landfill Leachate Sump	✓	
Groundwater Monitoring		DONE BY PSC
Pond Sludge Depth		THE POND IS CLEAN AND

***Comments & Repairs:** DIRT WORK ON LANDFILL CONTINUES WITH SAGEBRUSH PREP. AS WELL AS LINER REPAIR ON CELL 1A. BOILER PIPING IS 99% COMPLETE AS WELL AS ELECTRICAL WORK. THE LAB AND PLANT ARE DRINKING WELL. NO WATER HAS BEEN RECORDED H_2S IN THE SWPPP AREA AND NO BIOSINE POND.

READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm): 0 H_2S

POND
1
2
3
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*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval

Name: _____

Date: _____

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ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: 6/14/2024 **Print Name:** Zach Ramos

Others: _____ **Signature:** _____

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	/	
Berms and outside pond levees	/	
Tank Labels	/	
Sumps	/	
Pond levels three-foot free board	/	
Free oil on Pits-Ponds	/	
Pit and Pond condition	/	
Pit and Pond marker numbers	/	
Treatment Plant inspection	/	
Solid waste disposal area inspection	/	
Blowing trash	-	Had crew walk and pick trash up
Fences and Gates	/	
Leak detection sumps - Landfill - Liquid present?	/	
Leak detection sumps - Evaporation Ponds - Liquid present?	/	
Leak detection sumps - Drying Pad - Liquid present?	/	
Landfill Leachate Sump	/	
Groundwater Monitoring	/	Done By DSC
Pond Sludge Depth		

*Comments & Repairs: Drying Pad is in good Status. And mod Plant is good. - Processing plant is Running good Installation on Boiler Continues. As well as Cell construction. / H2S No Birds in Pond / No SW App Collected.

READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm): No H2S

POND
1
2
3
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12

*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval
Name: _____

Date: _____

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ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: 7/26/2024 **Print Name:** Zach Ramos

Others: _____ **Signature:** _____

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	✓	
Pit and Pond condition	✓	
Pit and Pond marker numbers	✓	
Treatment Plant inspection	✓	
Solid waste disposal area inspection	✓	Its good Had A Rough Start Thru week HAVE Crew to go around And Pick up
Blowing trash		
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	
Leak detection sumps - Drying Pad - Liquid present?	✓	
Landfill Leachate Sump	✓	done daily/WEEKLY done By TSC
Groundwater Monitoring	—	
Pond Sludge Depth	—	

***Comments & Repairs:** Mud Plant Struggling With Process due to Product Comming. Dust Pad is having issues. WAS able to get things under Control By the end of the week All loaders And some dumptrucks went down. Hadcil Construction is going good with inter gon Inc.

H_2S READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm):

POND	
1	∅
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NO Brine Pond / NO Water in Swpp

*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval

Name: _____

Date: _____

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ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: 8/2/2024 **Print Name:** Zach Ramos

Others: **Signature:**

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	✓	
Pit and Pond condition	✓	
Pit and Pond marker numbers	✓	
Treatment Plant inspection	✓	
Solid waste disposal area inspection	✓	
Blowing trash	✓	
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	
Leak detection sumps - Drying Pad - Liquid present?	✓	
Landfill Leachate Sump	✓	
Groundwater Monitoring	✓	Done By PSC
Pond Sludge Depth	✓	

***Comments & Repairs:** Mud Plant is Running good No issues. Drying Pad Had a rough start this week due to equipment gone down But got back in shape towards the end of the week. Landfill is Good and Construction is going well with CCL going down and first layer of liner

H_2S READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm): 0 H2S No Water in Sump Collection / No Birds in Pond

POND

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*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval
Name:

Date:

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ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: 9/20/2025 **Print Name:** _____

Others: _____ **Signature:** _____

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	✓	
Pit and Pond condition	✓	
Pit and Pond marker numbers	✓	
Treatment Plant inspection		doing some Repairs
Solid waste disposal area inspection	✓	
Blowing trash		got Cleaned up this week -
Fences and Gates		
Leak detection sumps - Landfill - Liquid present?	✓	
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	
Leak detection sumps - Drying Pad - Liquid present?	✓	
Landfill Leachate Sump	✓	
Groundwater Monitoring	✓	Checked By PSC -
Pond Sludge Depth		

***Comments & Repairs:** Every thing ran good this week NO MAJOR issues in the plant. & / dry pad - do have some equipment issues that are getting Take care of - No Birds in Pond.

H_2S

READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm): ∅ H_2S No water in ponds collected on Area -

POND	
1	
2	
3	
4	
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6	
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11	
12	

*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval

Name: _____

Date: _____

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ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: 10/11/2024 **Print Name:** Zach Ray

Others: _____ **Signature:** _____

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	✓	
Pit and Pond condition	✓	
Pit and Pond marker numbers	✓	
Treatment Plant inspection	✓	
Solid waste disposal area inspection	✓	
Blowing trash	✓	Cleaned throughout the week
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	
Leak detection sumps - Drying Pad - Liquid present?	✓	
Landfill Leachate Sump	✓	
Groundwater Monitoring	✓	done By Parkhill
Pond Sludge Depth	✓	

*Comments & Repairs: Everything is running pretty good this week with the Pad + Plant waiting for some news on the Boiler install and Equipment is running decent

H_2S

READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm): No H2S in Pond No water in sump No Birds in Pond

POND	
1	
2	
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11	
12	

*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval

Name: _____

Date: _____

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ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: Nov 8th 2024 **Print Name:** Zack Adams

Others: _____ **Signature:** _____

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	✓	
Pit and Pond condition	✓	
Pit and Pond marker numbers	✓	
Treatment Plant inspection	✓	
Solid waste disposal area inspection	✓	
Blowing trash	✓	
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	
Leak detection sumps - Drying Pad - Liquid present?	✓	
Landfill Leachate Sump	✓	
Groundwater Monitoring	✓	
Pond Sludge Depth	✓	

*Comments & Repairs: Operations is Running good with minimal issues Boiler install is going on this week with the tech on site He is having some issue and will continue to work on them did have some Electrical issues with H2S with mave tubes blowing one manually Equipment issue are still up and down

READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm): 0 H2S NOT/20 IN SWPPP NO Bird Save Pond.

POND	
1	
2	
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10	
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*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval

Name: _____

Date: _____

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ATTACHMENT II.1.C
Inspection Form
OWL Landfill Services, LLC

Date: 12/27/2024 **Print Name:** Zach Ramos

Others: ______ **Signature:** ______

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	✓	
Pit and Pond condition	✓	
Pit and Pond marker numbers	✓	
Treatment Plant inspection	✓	
Solid waste disposal area inspection	✓	
Blowing trash	✓	
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	
Leak detection sumps - Drying Pad - Liquid present?	✓	
Landfill Leachate Sump	✓	
Groundwater Monitoring		PSC (good)
Pond Sludge Depth	✓	

***Comments & Repairs:** Mud Plant is Running good with no issues the Drying Pad and landfill is in good shape without issues Both [illegible] good with no issues NO Waterone Supp- No Birds in Pond[illegible] -

H_2S

READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm): 0 H_2S

POND

1
2
3
4
5
6
7
8
9
10
11
12

*In the event that a reading of 10 ppm is registered at the Facility, personnel will evacuate the area and operator will monitor H_2S levels at the downwind of the Pond. If H_2S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

OWL Office	505-231-1071	NMOCD Hobbs	575-393-6161
New Mexico State Police	575-392-5580	NMOCD Santa Fe	505-476-3440
Lea County Sheriff	575-397-3611		

Receipt & Approval
Name: ______
Date: ______

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ATTACHMENT II.8.A
Leachate Monitoring Form
OWL Landfill Services, LLC

Leachate Level Data				Pumping Data			Notes
Date	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	
Jan 10	Sell 3	8:36AM	FF	Jan 10	NDBL	260	Pulled Water
Jan 10	Sell 4	10:00 AM	FF	Jan 10	NDBL	180	Pulled Water
Jan 10	Sell 5	1:00 PM	FF	Jan 10	NDBL	200	Pulled Water
Jan 18	Sell 2	7:00 AM	FF	Jan 18	NDBL	280	Pulled Water
Jan 18	Sell 3	9:30 AM	FF	Jan 16	NDBL	100	Pulled Water
Jan 16	Sell 4	12:10 PM	FF	Jan 18	NDBL	90	Pulled Water
Jan 18	Sell 5	2:00 PM	FF	Jan 16	NDBL	210	Pulled Water
Jan 26	Sell 2	1:00 PM	FF	Jan 26	NDBL	110	Pulled Water
Jan 26	Sell 3	2:35 PM	FF	Jan 26	NDBL	190	Pulled Water
Jan 26	Sell 4	3:45 PM	FF	Jan 26	NDBL	216	Pulled Water
Jan 26	Sell 5	5:08 PM	FF	Jan 26	NDBL	60	Pulled Water
Feb 7	Sell 2	8:15 AM	FF	Feb 7	NDBL	120	Pulled Water
Feb 7	Sell 3	9:45 AM	FF	Feb 7	NDBL	50	Pulled Water
Feb 7	Sell 4	11:05 AM	FF	Feb 7	NDBL	90	Pulled Water
Feb 7	Sell 5	1:25 PM	FF	Feb 7	NDBL	30	Pulled Water
Feb 12	Sell 2	10:00 AM	FF	Feb 12	NDBL	240	Pulled Water
Feb 12	Sell 3	11:37 AM	FF	Feb 12	NDBL	200	Pulled Water
Mar 22	Sell 2	9:00 AM	FF	Mar 22	NDBL	186	Pulled Water
Mar 22	Sell 3	11:23 AM	FF	Mar 22	NDBL	100	Pulled Water
Mar 22	Sell 4	1:10 PM	FF	Mar 22	NDBL	94	Pulled Water
Mar 22	Sell 5	3:30 PM	FF	Mar 22	NDBL	50	Pulled Water
Apr 26	Sell 2	12:15PM	FF	Apr 26	NDBL	460	Pulled Water

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ATTACHMENT II.8.A
Leachate Monitoring Form
OWL Landfill Services, LLC

Leachate Level Data				Pumping Data			Notes
Date	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	
5/2/24	Cell 2	9:40AM	FF	5/2/24	NDBL	40	Pull water
5/2/24	Cell 3	10:55AM	FF	5/2/24	NDBL	60	Pull water
5/2/24	Cell 4	12:05PM	FF	5/2/24	NDBL	100	Pull water
5/2/24	Cell 5	2:35PM	FF	5/2/24	NDBL	240	Pull water
5/20/24	Cell 2	7:00AM	FF	5/20/24	NDBL	30	Pull water
5/20/24	Cell 3	9:15AM	FF	5/20/24	NDBL	140	Pull water
5/20/24	Cell 4	11:36AM	FF	5/20/24	NDBL	70	Pull water
5/20/24	Cell 5	1:02PM	FF	5/20/24	NDBL	20	Pull water
5/28/24	Cell 2	7:09AM	FF	5/28/24	NDBL	130	Pull water
5/28/24	Cell 3	9:20AM	FF	5/28/24	NDBL	80	Pull water
5/28/24	Cell 4	11:11AM	FF	5/28/24	NDBL	110	Pull water
5/28/24	Cell 5	1:15PM	FF	5/28/24	NDBL	30	Pull water
6/14/24	Cell 4	8:32AM	FF	6/14/24	NDBL	600	Pull water
6/18/24	Cell 2	1:10PM	FF	6/18/24	NDBL	240	Pull water
6/21/24	Cell 2	7:30AM	FF	6/21/24	NDBL	60	Pull water
6/21/24	Cell 3	10:00AM	FF	6/21/24	NDBL	120	Pull water
6/21/24	Cell 4	11:40AM	FF	6/21/24	NDBL	240	Pull water
6/22/24	Cell 4	7:00AM	FF	6/22/24	NDBL	60	Pull water
6/23/24	Cell 2	6:40AM	FF	6/23/24	NDBL	60	Pull water
6/24/24	Cell 2	8:00AM	FF	6/24/24	NDBL	60	Pull water
6/27/24	Cell 2	7:20AM	FF	6/27/24	NDBL	120	Pull water
6/27/24	Cell 3	8:40AM	FF	6/27/24	NDBL	240	Pull water

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ATTACHMENT II.8.A
Leachate Monitoring Form
OWL Landfill Services, LLC

Leachate Level Data				Pumping Data			Notes
Date	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	
6/27/24	Cell 4	9:41AM	FF	6/27/24	NDBL	120	Pull Water
6/27/24	Cell 5	11:30AM	FF	6/27/24	NDBL	120	Pull Water
6/28/24	Cell 2	7:00AM	FF	6/28/24	NDBL	115	Pull Water
6/29/24	Cell 2	6:30AM	FF	6/29/24	NDBL	100	Pull water
6/30/24	Cell 1	6:00AM	FF	6/30/24	NDBL	240	Pull water
6/30/24	Cell 2	7:15AM	FF	6/30/24	NDBL	240	Pull water
7/1/24	Cell 1	8:15AM	FF	7/1/24	NDBL	240	Pull water
7/1/24	Cell 2	9:40AM	FF	7/1/24	NDBL	240	Pull water
7/3/24	Cell 1	6:00AM	FF	7/3/24	NDBL	240	Pull water
7/3/24	Cell 2	8:00AM	FF	7/3/24	NDBL	260	Pull water
7/6/24	Cell 3	6:00AM	FF	7/6/24	NDBL	120	Pull water
7/6/24	Cell 4	8:15AM	FF	7/6/24	NDBL	410	Pull Water
7/6/24	Cell 5	11:20AM	FF	7/6/24	NDBL	120	Pull Water
7/20/24	Cell 1	7:00AM	FF	7/20/24	NDBL	240	Pull Water
7/22/24	Cell 1	7:30AM	FF	7/22/24	NDBL	240	Pull water
7/22/24	Cell 2	10:00AM	FF	7/22/24	NDBL	120	Pull Water
7/25/24	Cell 1	9:00AM	FF	7/25/24	NDBL	120	Pull Water
8/2/24	Cell 1	6:30AM	FF	8/2/24	NDBL	75	Pull Water
8/2/24	Cell 2	7:45AM	FF	8/2/24	NDBL	120	Pull Water
8/2/24	Cell 3	9:10AM	FF	8/2/24	NDBL	240	Pull Water
8/2/24	Cell 4	11:50AM	FF	8/2/24	NDBL	310	Pull Water
8/2/24	Cell 5	1:08PM	FF	8/2/24	NDBL	260	Pull Water

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OWL Landfill Services, LLC

Leachate Level Data				Pumping Data			Notes
Date	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	
8/6/24	Cell 1	8:00 AM	FF	8/6/24	NDBL	70	Pull Water
8/6/24	Cell 2	9:25 AM	FF	8/6/24	NDBL	110	Pull Water
8/6/24	Cell 3	10:40 AM	FF	8/6/24	NDBL	200	Pull Water
8/6/24	Cell 4	12:10 PM	FF	8/6/24	NDBL	260	Pull Water
8/6/24	Cell 5	2:15 PM	FF	8/6/24	NDBL	190	Pull Water
8/12/24	Cell 1	6:30 AM	FF	8/12/24	NDBL	110	Pull Water
8/12/24	Cell 2	7:40 AM	FF	8/12/24	NDBL	120	Pull Water
8/12/24	Cell 3	9:10 AM	FF	8/12/24	NDBL	210	Pull Water
8/12/24	Cell 4	11:20 AM	FF	8/12/24	NDBL	200	Pull Water
8/12/24	Cell 5	1:30 PM	FF	8/12/24	NDBL	175	Pull Water
8/13/24	Cell 1	6:30 AM	FF	8/13/24	NDBL	120	Pull Water
8/14/24	Cell 1	7:00 AM	FF	8/14/24	NDBL	75	Pull Water
8/15/24	Cell 1	7:00 AM	FF	8/15/24	NDBL	80	Pull Water
8/16/24	Cell 1	7:00 AM	FF	8/16/24	NDBL	80	Pull Water
8/17/24	Cell 1	7:00 AM	FF	8/17/24	NDBL	120	Pull Water
8/18/24	Cell 1	6:30 AM	FF	8/18/24	NDBL	120	Pull Water
8/19/24	Cell 1	6:30 AM	FF	8/19/24	NDBL	110	Pull Water
8/19/24	Cell 2	7:45 AM	FF	8/19/24	NDBL	120	Pull Water
8/19/24	Cell 3	8:15 AM	FF	8/19/24	NDBL	240	Pull Water
8/19/24	Cell 4	10:00 AM	FF	8/19/24	NDBL	360	Pull Water
8/19/24	Cell 5	12:30 PM	FF	8/19/24	NDBL	215	Pull Water
8/20/24	Cell 1	7:00 AM	FF	8/20/24	NDBL	120	Pull Water

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OWL Landfill Services, LLC

Leachate Level Data				Pumping Data			Notes
Date	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	
8/24/24	Cell 1	7:00 AM	FF	8/24/24	NDBL	120	Pull Water
8/24/24	Cell 2	8:45AM	FF	8/24/24	NDBL	190	Pull Water
8/26/24	Cell 1	6:20 AM	FF	8/26/24	NDBL	80	Pull water
8/26/24	Cell 2	9:15 AM	FF	8/26/24	NDBL	140	Pull Water
8/29/24	Cell 1	6:00 AM	FF	8/29/24	NDBL	120	Pull Water
8/29/24	Cell 2	7:05 AM	FF	8/29/24	NDBL	200	Pull Water
8/29/24	Cell 3	9:42 AM	FF	8/29/24	NDBL	380	Pull Water
8/29/24	Cell 4	1:20 PM	FF	8/29/24	NDBL	290	Pull Water
8/29/24	Cell 5	3:45 PM	FF	8/29/24	NDBL	100	Pull Water
9/3/24	Cell 1	6:00 AM	FF	9/3/24	NDBL	120	Pull Water
9/3/24	Cell 2	7:30 AM	FF	9/3/24	NDBL	110	Pull Water
9/9/24	Cell 1	8:00 AM	FF	9/9/24	NDBL	100	Pull Water
9/9/24	Cell 2	9:15 AM	FF	9/9/24	NDBL	80	Pull Water
9/9/24	Cell 3	10:40 AM	FF	9/9/24	NDBL	190	Pull Water
9/9/24	Cell 4	12:10 PM	FF	9/9/24	NDBL	160	Pull water
9/9/24	Cell 5	1:50 PM	FF	9/9/24	NDBL	70	Pull water
9/11/24	Cell 1	6:30 AM	FF	9/11/24	NDBL	100	Pull Water
9/11/24	Cell 2	8:00 AM	FF	9/11/24	NDBL	80	Pull Water
9/12/24	Cell 1	7:00 AM	FF	9/12/24	NDBL	90	Pull Water
9/12/24	Cell 2	8:45 AM	FF	9/12/24	NDBL	120	Pull Water
9/13/24	Cell 1	10:00 AM	FF	9/13/24	NDBL	100	Pull Water
9/13/24	Cell 2	12:20 PM	FF	9/13/24	NDBL	60	Pull Water

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Leachate Monitoring Form
OWL Landfill Services, LLC

Leachate Level Data				Pumping Data			Notes
Date	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	
9/18/24	Cell 1	6:30 AM	FF	9/18/24	NDBL	110	Pull Water
9/18/24	Cell 2	7:58 AM	FF	9/18/24	NDBL	200	Pull Water
9/18/24	Cell 3	9:35 AM	FF	9/18/24	NDBL	160	Pull Water
9/18/24	Cell 4	11:05 AM	FF	9/18/24	NDBL	150	Pull Water
9/18/24	Cell 5	1:06 PM	FF	9/18/24	NDBL	70	Pull Water
9/26/24	Cell 1	6:00 AM	FF	9/26/24	NDBL	40	Pull Water
9/26/24	Cell 2	7:40 AM	FF	9/26/24	NDBL	120	Pull Water
9/26/24	Cell 3	9:10 AM	FF	9/26/24	NDBL	170	Pull Water
9/26/24	Cell 4	11:10 AM	FF	9/26/24	NDBL	200	Pull Water
9/26/24	Cell 5	2:30 PM	FF	9/26/24	NDBL	110	Pull Water
10/3/24	Cell 1	6:40 AM	FF	10/3/24	NDBL	50	Pull Water
10/3/24	Cell 2	8:15 AM	FF	10/3/24	NDBL	50	Pull Water
10/3/24	Cell 3	10:11 AM	FF	10/3/24	NDBL	90	Pull Water
10/3/24	Cell 4	1:00 PM	FF	10/3/24	NDBL	160	Pull Water
10/3/24	Cell 5	2:10 PM	FF	10/3/24	NDBL	40	Pull Water
10/11/24	Cell 1	6:00 AM	FF	10/11/24	NDBL	160	Pull Water
10/11/24	Cell 2	8:10 AM	FF	10/11/24	NDBL	110	Pull Water
10/11/24	Cell 3	9:20 AM	FF	10/11/24	NDBL	70	Pull Water
10/11/24	Cell 4	10:08 AM	FF	10/11/24	NDBL	90	Pull Water
10/11/24	Cell 5	11:35 AM	FF	10/11/24	NDBL	40	Pull Water
10/18/24	Cell 2	9:10 AM	FF	10/18/24	NDBL	100	Pull Water
10/18/24	Cell 3	11:02 AM	FF	10/18/24	NDBL	60	Pull Water

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Leachate Monitoring Form
OWL Landfill Services, LLC

Leachate Level Data				Pumping Data			Notes
Date	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	
10/18/24	Cell 4	1:30 PM	FF	10/18/24	NDBL	100	Pull Water
10/18/24	Cell 5	3:10 PM	FF	10/18/24	NDBL	60	Pull Water
10/25/24	Cell 1	7:00 AM	FF	10/25/24	NDBL	120	Pull Water
10/25/24	Cell 2	8:45 AM	FF	10/25/24	NDBL	60	Pull water
10/25/24	Cell 3	10:05 AM	FF	10/25/24	NDBL	110	Pull water
10/25/24	Cell 4	12:36 PM	FF	10/25/24	NDBL	200	Pull Water
10/25/24	Cell 5	2:50 PM	FF	10/25/24	NDBL	90	Pull water
11/1/24	Cell 1	7:20 AM	FF	11/1/24	NDBL	40	Pull Water
11/1/24	Cell 2	8:10 AM	FF	11/1/24	NDBL	90	Pull Water
11/1/24	Cell 3	9:55 AM	FF	11/1/24	NDBL	100	Pull water
11/1/24	Cell 4	11:00 AM	FF	11/1/24	NDBL	70	Pull water
11/1/24	Cell 5	1:45 PM	FF	11/1/24	NDBL	35	Pull water
11/13/24	Cell 1	7:30 AM	FF	11/13/24	NDBL	100	Pull Water
11/13/24	Cell 2	9:05 AM	FF	11/13/24	NDBL	140	Pull Water
11/13/24	Cell 3	10:20 AM	FF	11/13/24	NDBL	60	Pull water
11/13/24	Cell 4	11:50 AM	FF	11/13/24	NDBL	90	Pull water
11/13/24	Cell 5	1:30 PM	FF	11/13/24	NDBL	40	Pull Water
11/27/24	Cell 1	6:00 AM	FF	11/27/24	NDBL	140	Pull Water
11/27/24	Cell 2	8:15 AM	FF	11/27/24	NDBL	120	Pull Water
11/27/24	Cell 3	9:40 AM	FF	11/27/24	NDBL	25	Pull Water
11/27/24	Cell 4	10:55 AM	FF	11/27/24	NDBL	70	Pull Water
11/27/24	Cell 5	11:45 AM	FF	11/27/24	NDBL	30	Pull Water

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Leachate Monitoring Form
OWL Landfill Services, LLC

Leachate Level Data				Pumping Data			Notes
Date	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	
11/29/24	Cell 1	6:30 Am	FF	11/29/24	NDBL	260	Pull Water
11/29/24	Cell 2	11:00 AM	FF	11/29/24	NDBL	200	Pull Water
11/30/24	Cell 1	9:00 AM	FF	11/30/24	NDBL	210	Pull water
11/30/24	Cell 2	1:08 PM	FF	11/30/24	NDBL	180	Pull Water
12/4/24	Cell 1	9:00 Am	FF	11/4/24	NDBL	200	Pull Water
12/4/24	Cell 2	1:15 PM	FF	11/4/24	NDBL	300	Pull Water
12/5/24	Cell 1	8:00 Am	FF	12/5/24	NDBL	360	Pull Water
12/6/24	Cell 1	11:00 Am	FF	12/6/24	NDBL	475	Pull Water
12/11/24	Cell 3	8:30 Am	FF	12/11/24	NDBL	100	Pull Water
12/11/24	Cell 4	10:10 Am	FF	12/11/24	NDBL	110	Pull Water
12/11/24	Cell 5	12:45 PM	FF	12/11/24	NDBL	70	Pull Water
12/12/24	Cell 1	7:30 Am	FF	12/12/24	NDBL	480	Pull water
12/12/24	Cell 3	2:10 PM	FF	12/12/24	NDBL	120	Pull water
12/20/24	Cell 1	6:30 Am	FF	12/20/24	NDBL	120	Pull water
12/20/24	Cell 2	9:00 AM	FF	12/20/24	NDBL	480	Pull water
12/20/24	Cell 3	11:40 AM	FF	12/20/24	NDBL	120	Pull water
12/20/24	Cell 4	3:38 PM	FF	12/20/24	NDBL	120	Pull water
12/20/24	Cell 5	5:10 PM	FF	12/20/24	NDBL	120	Pull water
12/23/24	Cell 1	7:30 AM	FF	12/23/24	NDBL	240	Pull water
12/23/24	Cell 2	10:12 Am	FF	12/23/24	NDBL	360	Pull water
12/26/24	Cell 1	6:00 Am	FF	12/26/24	NDBL	270	Pull water
12/26/24	Cell 2	9:10 AM	FF	12/26/24	NDBL	180	Pull water

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ATTACHMENT II.8.A
Leachate Monitoring Form
OWL Landfill Services, LLC

Leachate Level Data				Pumping Data			Notes
Date	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	
12/25/24	Cell 1	8:30 AM	FF	12-29-24	NDBL	240	Pull water
12/29/24	Cell 2	11:00 AM	FF	12-25-24	NDBL	480	Pull water
12/30/24	Cell 1	2:40 PM	FF	12-30-24	NDBL	140	Pull water
12/30/24	Cell 2	4:30 PM	FF	12-30-24	NDBL	115	Pull water

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MEETING SIGN-IN SHEET

Subject:	Hydrogen Sulfide Awareness	**Meeting Date:**	December 2024
Facilitator:	Casey Arcidez	**Place/Room:**	Landfill

Name	Job Title	Signature	Date
Aguila, Rives Yoan R.			
Aguilar,Fonseca Edisnay	WASH PAD	Edisnay	12-4-24
Aguilar,Edwin	supervisor	Edi Aguilar	12-3-24
Alvarado, Isaac		Isaac Alvarado	12-4-24
Arcidez, Casey	SAFETY Manager		12-4-24
Martinez, Karel			
Batista, Dariel			
Borrego, Carralero Yordan	Edgardo Burciaga		12-5-24 CA
Burciaga, Luis		✓	12-5-24 CA
Butler, Kalub		✓	12-5-24 CA
Cabellos, Geraldine		✓	12-5-24 CA
Cabellos, Henry		✓	12-5-24 CA
Carballo, Javier			
Jacomino-Cardosa Omar			
Hernandez-Carrera Juan			
Castillo, Omar	WASH PAD		12-4-24
Chacon, Adan			
Alban-Chiroque Pedro			

✓ were present per Safety Manager Arcidez

Name	Job Title	Signature	Date
Cortez, Ginney		✓	12-5-24 CA
Cotton, Kai		✓	12-5-24 CA
Deloera, Abram			12-5-24 CA
Denniston, Mike		✓	12-5-24 CA
Duarte, Heriberto	operador		12-4-2024
Echavarria, Gustavo		✓	
Fabela, Eddy		✓	
Fabela, Fabian	Supervisor		12/3/2024
Falcon, Victor			
Flores, Crispin			
Flores, Daniel			
Frias, Jonathan	Supervisor		12-3-24
Gage, Brady	Mid Night		12-3-24
Diaz, Yosvany			
Hernandez, Armando			
Hernandez, Gerardo		✓	12-5-24 CA
Hidalgo-Diaz Osmel			
Hopson, Jeffrey		✓	12-5-24 CA
Jacquez, Fernando			
Liriano-Diaz Rodolfo			
Lopez,Ramiro	mechanic	Ramiro Lopez	12-5-24
Lopez, Isaias			

Name	Job Title	Signature	Date
Lopez, Jose			
Medina, Yunisvel	WASH PAD		12/04/24
Minjarez, Julain			
Moberly, Nick	Supervisor		12-5-24
Munoz, Andres			
Ornelas, Adan		✓	12-5-24
Parra, Axl		✓	12-5-24
Payanes, Matteo		✓	12-5-24
Pena-Martinez Osmar			
Peralta-Tavara Alvaro			12-5-24
Perez-Marquez Jeonada	OPERADOR		
Quevedo-Diaz Yerandy			
Ramirez, Rudy			
Ramos, Jeremiah			
Ramos, Zack	President		12/3/2024
Remon-Hildalgo Yoelvis			
Villa-Rivera Daniel	OPERATOR		12-4-24
Romero-Montero Adrian			
Ronquillo, Eleuterio			
Ronquillo, Jesus	Operator	Jesús Ronquillo	12-3-24
Rosalez, Ramon	Mechanic		12-3-24
Rosalez, Dorian	Vice President		12/3/24

Name	Job Title	Signature	Date
Rosalez, Ramon JR			
Sanchez, Jorge			
Tavara-Reyes Canthy			
Tellez, Dominique	Sales	Dimpi Cely	
Thompson, Brian			
Torres, Adrian			
Torres, Alexander	OPERADOR	aley	12-4-24
Vallodolid, Jose	Operator	for Valladolid.	12-4-24
Vega-Zamora Onelio			
Vega, Yordanis			
Zubia-Morales Raul	Operador	Alanzubia	12-4-24
Zuniga, Jaime			
LIRIANO, HERMAN	WASHPAD		12-4-24

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Topic: Heat Exhaustion & Stress / H2S Awareness

Date	Employee Name	Hire Date	Location / Job	Manager	Signature
12/24	Aguilar Fonseca, Edisnay	02/09/24	Operator	Owl-RosalezD	
7/24	Aguilar, Edwin A	02/25/21	Landfill Supervisor	Owl-RamosZ	
17-24	Alvarado, Isaac	09/16/21	Heavy Equipment Operator	Owl-RamosZ	I.A
MA	Arcidez, Castulo	03/06/23	Safety Supervisor	Owl-RosalezD	CA
	Batista, Dariel	11/22/23	Wash Rack Operator	Owl-RamosZ	
5:52	Borrego Carralero, Yordan	2/29/2024	Wash Rack Operator	Owl-RamosZ	
12/24	Burciaga, Eduardo	06/19/23	Operator	Owl-RosalezD	EB
06/23	Burciaga, Luis a	01/19/24	Operator	Owl-RamosZ	
24/24	Butler, Kalub A	02/06/24	Operator	Owl-RosalezD	
	Cabellos, Henry U	08/14/20	Operator	Owl-RosalezD	H.C.
6/24	Cardenas Suarez, Isaac G	4/15/2024	Operator	Owl-RosalezD	I.C.
06/24	Carballo, Javier	09/07/23	Wash Rack Operator	Owl-RamosZ	JCC
6/17	Castillo, Jose	02/09/24	Wash Rack Operator	Owl-RamosZ	
12/24	Cazares Guardiola, Ceasar A	4/2/2024	Operator	Owl-RosalezD	C.C.
	Castillo, Omar	12/26/23	Wash Rack Operator	Owl-RamosZ	
	Chacon, Adan	12/27/19	Heavy Equipment Operator	Owl-RamosZ	
7/24	Cortez, Ginney	06/22/20	Operator	Owl-RosalezD	
~~6/24~~	~~Cotton, Arlen K~~	01/27/23	Operator	Owl-RosalezD	
6/24	DeLoera, Abram D	01/03/22	Operator	Owl-RosalezD	
6-26	Denniston, Mike M	04/27/20	Heavy Equipment Operator	Owl-RamosZ	
	Echavarria Morales, Luis G	07/17/23	Heavy Equipment Operator	Owl-RamosZ	
7/24	Echavarria, Gustavo	01/19/23	Operator	Owl-RosalezD	
6/24	Estrada, Hector	01/09/24	Operator	Owl-RosalezD	
	Fabela III, Eddy	12/06/23	Heavy Equipment Operator	Owl-RamosZ	
8/24	Fabela, Fabian Q	02/17/20	Landfill Supervisor	Owl-RamosZ	
17 24	Flores Montalvo, Crispin	09/23/22	Heavy Equipment Operator	Owl-RamosZ	CRISPIN F.
	Flores, Daniel A	01/26/24	Operator	Owl-RosalezD	
17-24	Frias, Jonathan	08/07/20	Mud-Plant Supervisor	Owl-RosalezD	
24/24	Gage, Brady V	3/13/2024	Operator	Owl-RosalezD	BG
06/17/24	Garcia Diaz, Yosvanys	01/18/24	Wash Rack Operator	Owl-RamosZ	

6/24 Julio Cardoso Jacomino

6/24 JUAN CARLOS CARRERA

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24/24	Gomez, Jorge A	4/15/2024	Operator	Owl-RosalezD	J. G.
24/24	Grandos, Antonio	4/1/2024	Operator	Owl-RosalezD	A.G
12/24	Harter, Charles E	4/29/2024	Heavy Equipment Operator	Owl-RamosZ	CH.
	Heriberto, Duarte	11/01/23	Wash Rack Operator	Owl-RamosZ	
12/24	Hernandez, Armando	06/15/23	Operator	Owl-RosalezD	Armando Hg
06/17/24	Hernandez, Gerardo M	06/16/21	Heavy Equipment Operator	Owl-RamosZ	Gerardo Hernandez
7/24	Hopson, Jeffrey D	06/03/20	Landfill Supervisor	Owl-RosalezD	
6/24	Jacquez, Fernando	10/25/23	Heavy Equipment Operator	Owl-RamosZ	FJ
24/24	Jurado, Isai	03/30/23	Heavy Equipment Operator	Owl-RamosZ	IJ
	Leon Castillo, Orlando	02/09/24	Wash Rack Operator	Owl-RamosZ	
06/17/24	Liriano Diaz, Rodolfo L	01/23/24	Wash Rack Operator	Owl-RamosZ	
	Lopez, Isaias	4/18/2024	Wash Rack Operator	Owl-RamosZ	
06/24	Lopez, Jose M	05/05/23	Wash Rack Operator	Owl-RamosZ	Jose Lopez
	Matinez Castillo, Alain	4/10/2024	Wash Rack Operator	Owl-RamosZ	
06/17	Martinez, Humberto I	05/13/21	Operator	Owl-RosalezD	
12/24	Medina, Yunisvel	01/31/24	Wash Rack Operator	Owl-RamosZ	
	Minjarez, Julian	09/11/21	Operator	Owl-RosalezD	
	Montoya, Jairo	01/19/24	Operator	Owl-RosalezD	
6/17	Munoz, Andres	09/17/20	Heavy Equipment Operator	Owl-RamosZ	Andres MUÑOZ
12/24	Oblea Chumacero, Luis	02/13/24	Operator	Owl-RosalezD	
6/24	Ornelas, Adan	08/07/20	Landfill Supervisor	Owl-RamosZ	
06/24	Ornelas, Hector	12/05/23	Heavy Equipment Operator	Owl-RamosZ	
24/24	Parra, Axl	11/22/23	Wash Rack Operator	Owl-RamosZ	
	Payanes, Matteo R	02/16/24	Operator	Owl-RosalezD	
06/17	Pena Martinez, Osmar	5/30/2024	Wash Rack Operator	Owl-RamosZ	
12/24	Peralta Tavara, Alvaro	10/16/23	Operator	Owl-RosalezD	
12/24	Peralta Tavara, Pedro	11/02/23	Wash Rack Operator	Owl-RamosZ	
7/24	Perez Marquez, Jeonadad	09/18/23	Wash Rack Operator	Owl-RamosZ	JPM
6/17	Ramos, Jeremiah D	2/27/2024	Wash Rack Operator	Owl-RamosZ	JR
	Ramos, Zachariah E	10/1/2019	President	Owl-RamosZ	
6/17	Ramirez, Bryan	4/2/2024	Wash Rack Operator	Owl-RamosZ	Bryan Ramirez
~~6/24~~	Ramirez, Rudy A	06/14/21	Heavy Equipment Operator	Owl-RamosZ	
6/24	Rivera Villa, Daniel A	2/27/2024	Operator	Owl-RosalezD	

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12/24	Rodriguez Gonzalez, Quetzalcoatl	4/15/2024	Wash Rack Operator	Owl-RosalezD	QR
24/24	Rojas, Orlando	06/01/22	Operator	Owl-RosalezD	QR
	Romero Montero, Adrian	4/10/2024	Wash Rack Operator	Owl-RamosZ	
7/24	Ronquillo, Eleuterio	08/18/20	Heavy Equipment Operator	Owl-RamosZ	
12/24	Ronquillo, Jesus J	09/11/20	Heavy Equipment Operator	Owl-RamosZ	J.R.
	Rosalez, Dorian L	8/7/2020	Vice President	Owl-RosalezD	
	Rosalez, Ramon	11/04/21	Maintenance Mechanic	Owl-RamosZ	
6/24	Sanchez, Jorge	08/11/23	Heavy Equipment Operator	Owl-RamosZ	
12/24	Tasis, Richard	11/22/23	Heavy Equipment Operator	Owl-RamosZ	
12/24	Tavara Reyes, Canthy G	4/23/2024	Operator	Owl-RosalezD	
	Tellez, Dominique	12/30/2019	Sales Manager	Owl-RamosZ	
12/24	Thompson- Chouinard, Brian	4/15/2024	Operator	Owl-RosalezD	BT
12-24	Torres, Adrian	08/07/21	Operator	Owl-RosalezD	C-T
7/24	Torres, Alexander	08/24/20	Heavy Equipment Operator	Owl-RamosZ	
7/24	Valladolid, Jose	10/11/23	Heavy Equipment Operator	Owl-RamosZ	
	Vega, Yordanis	11/22/23	Wash Rack Operator	Owl-RamosZ	
7/24	Zubia Morales, Raul a	02/01/24	Operator	Owl-RosalezD	
C-12-24	Zuniga, Jaime	11/14/22	Operator	Owl-RamosZ	

12/24 Omar Sanchez

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MEETING SIGN-IN SHEET

Subject:	Storm Water Pollution Prevention Plan	**Meeting Date:**	December 2024
Facilitator:	Casey Arcidez	**Place/Room:**	Landfill

Name	Job Title	Signature	Date
Aguila, Rives Yoan R.			
Aguilar,Fonseca Edisnay	Foreman		12-04-24
Aguilar,Edwin	Supervisor		12-4-24
Alvarado, Isaac	OPERATOR		12-4-24
Arcidez, Casey	Safety Manager		12-4-24
Martinez, Karel			
Batista, Dariel			
Borrego, Carralero Yordan			
Burciaga, Luis		✓	12-5-24
Butler, Kalub	[illegible]		12-5-24
Cabellos, Geraldine	HOT SHOT		12-5-24
Cabellos, Henry	Super visor		12-5-24
Carballo, Javier			
Jacomino-Cardosa Omar			
Hernandez-Carrera Juan			
Castillo, Omar	Omar Sanchez		12-4-24
Chacon, Adan	CHECK	VAC TRUCK	12-5-24
Alban-Chiroque Pedro			

Name	Job Title	Signature	Date
Cortez, Ginney		✓	12-5-24
Cotton, Kai		✓	12-5-24
Deloera, Abram			
Denniston, Mike	Operator		12/24/24
Duarte, Heriberto	operador		12-4-24
Echavarria, Gustavo	MECHANIC HELPER		12/4/24
Fabela, Eddy			
Fabela, Fabian	Fabian Manager		12-5-24
Falcon, Victor			
Flores, Crispin			
Flores, Daniel			
Frias, Jonathan			
Gage, Brady	B. GAGE		12-5-24
Diaz, Yosvany			
Hernandez, Armando			
Hernandez, Gerardo		✓	12-5-24
Hidalgo-Diaz Osmel			
Hopson, Jeffrey		✓	12-5-24
Jacquez, Fernando			
Liriano-Diaz Rodolfo			
Lopez,Ramiro	RAMIRO LOPEZ	R. Lopez	12-5-24
Lopez, Isaias			

Name	Job Title	Signature	Date
Lopez, Jose			
Medina, Yunisvel	Fregador		12/04/24
Minjarez, Julain			
Moberly, Nick			
Munoz, Andres			
Ornelas, Adan		✓	12-5-24
Parra, Axl		✓	12-5-24
Payanes, Matteo		✓	12-5-24
Pena-Martinez Osmar			
Peralta-Tavara Alvaro			
Perez-Marquez Jeonada	OPERADOR		12-04-24
Quevedo-Diaz Yerandy			
Ramirez, Rudy			
Ramos, Jeremiah			
Ramos, Zack	Presidente		
Remon-Hildalgo Yoelvis			
Villa-Rivera Daniel	OPERATOR		12-4-24
Romero-Montero Adrian			
Ronquillo, Eleuterio			
Ronquillo, Jesus	Operator	Jesus Ronquillo	12-4-24
Rosalez, Ramon			
Rosalez, Dorian	VP		12-5-24

Name	Job Title	Signature	Date
Rosalez, Ramon JR			
Sanchez, Jorge			
Tavara-Reyes Canthy			
Tellez, Dominique	Sales	Dominique Tellez	
Thompson, Brian			
Torres, Adrian			
Torres, Alexander	OPERADOR		12-4-24
Vallodolid, Jose	operator		12-4-24
Vega-Zamora Onelio			
Vega, Yordanis			
Zubia-Morales Raul	Operador		12-4-24
Zuniga, Jaime			
Garcia Linda	Inspector		12-4-24

SALES ORDER

56120

Safety Solutions, LLC.
Your Safety is Our Business

7116 W. I-20
Midland, Texas 79706
P.O. Box 8210 (79708)
Office: 432-563-0400
Fax: 432-563-0406
AR@ss-tx.com

To

Company Name Owl

Street Address

City, ST Zip Code

Phone

SALES ORDER NO.

DATE 1.22.2024

A. Lopez Hill
D. Torres

Job	Lease	WO #	P.O.#
CAL ; F/E	LANDRIG	#24619	

QUANTITY	DESCRIPTION	UNIT PRICE	LINE TOTAL
13	Calibrations	$ 25.00	$ 325.00
18	Monthly F/E Inspections	$ 5.25	$ 94.50
4	3.6V Purple Lithium Battery #667-TL5935	$ 39.99	$ 159.96
152	Meters	$ 2.25	$ 342.00
6 hrs	Service	$ 85.00	$ 510.00
1	Communication Fee	$ 165.00	$ 165.00

SUBTOTAL	$ 1596.46
SALES TAX	
TOTAL	

Received by:

Print Name: Jazmine Lujan

Signature: Jazmine Lujan

Invoice to Follow

THANK YOU FOR YOUR BUSINESS!

Service Ticket

Tech Name: A. Lina   Truck Number: 119   24619

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used	C - CO2 Cartridge
1.22.2024			Amerex	10#ABC	F89769461	2020		✓			CC - Cartridge Cover
			Amerex	10#ABC	F89769463	2020		✓			G - Gage
			Amerex	10#ABC	F89779291	2020		✓			GT - Gasket
			Amerex	5#ABC	F93819856	2020		✓			HC - Hose Clip
			Ansul	5#ABC	B04199598	2015		✓			H - Hose
			Amerex	5#ABC	F93820410	2020		✓			L - Label
			Badger	5#ABC	H26069246	2023		✓			MT - Metal Tag
			Badger	5#ABC	H26069269	2023		✓			N - Nozzel
			Amerex	20#ABC	F97284589	2020		✓			OL - Operating Label
			Amerex	20#ABC	H13727004	2022		✓			OR - O-Ring
			Amerex	20#ABC	H96678490	2023		✓			P - Pull Pin
			Amerex	20#ABC	H96678501	2023		✓			S - Seal
			Amerex	20#ABC	T07644484	2023		✓			TB - Tag Bag
			Amerex	20#ABC	F97284587	2020		✓			V - Valve
			Amerex	20#ABC	H99545128	2023		✓			VS - Valve Stem -
			Badger	5#ABC	H16175797	2022		✓			
			Amerex	20#ABC	H99545131	2023		✓			
			Amerex	20#ABC	F972846-2	2020		✓			

Customer: OWL   Month: Jan 2024

Jobsite: Landfill   Location: NM

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Service Ticket

Tech Name: Alonso

Truck Number: 113

24702

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used
2-7			BADGER	5HABC	H16175797	2022			✓	
			AMEREX	10HABC	F89777165	2020			✓	
			AMEREX	10HABC	--- 69463	2020			✓	
			AMEREX	10HABC	F89775563	2020			✓	
			AMEREX	5HABC	---4,6278	2019			✓	
			BADGER	5HABC	F21860196	2019			✓	
			AMEREX	5HABC	F62538123	2019				
			Buckeye	7HABC	H07907316	2023			✓	
			Kidde	2.5HABC	A39695656	2016	✓		✓	Gage mount
			AMEREX	10HABC	F09778291	2020			✓	
			AMEREX	20HABC	H96673490	2023		✓		
			AMEREX	20HABC	I07644434	2023		✓		
			BADGER	5HABC	H26069246	2023		✓		
			AMEREX	20HABC	H13727004	2022		✓		
			Final Aid	5HABC	I12347240	2023			✓	
			BADGER	5HABC	H16175913	2022			✓	
			AMEREX	20HABC	F97234537	2020		✓		
			ANSUL	5HABC	R04199593	2015		✓		
			AMEREX	5HABC	F93320410	2020		✓		
			AMEREX	20HABC	F97284569	2020		✓		
			AMEREX	20HABC	H99545121	2023			✓	

Customer:	DWL	Month:	Feb 2-24
Jobsite:	Lovell	Location:	NM

C - CO2 Cartridge
CC - Cartridge Cover
G - Gage
GT - Gasket
HC - Hose Clip
H - Hose
L - Label
MT - Metal Tag
N - Nozzel
OL - Operating Label
OR - O-Ring
P - Pull Pin
S - Seal
TB - Tag Bag
V - Valve
VS - Valve Stem

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Service Ticket

Tech Name: Alonzo

Truck Number: 119

24703

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used
2-27			Buckeye	20HABC	BOG323872	2016	✓		✓	Gun maint
			Buckeye	20HABC	A3969560	2016	✓		✓	Gun maint
			Amerex	20HABC	F972346-2	2020		✓		

C - CO2 Cartridge
CC - Cartridge Cover
G - Gage
GT - Gasket
HC - Hose Clip
H - Hose
L - Label
MT - Metal Tag
N - Nozzel
OL - Operating Label
OR - O-Ring
P - Pull Pin
S - Seal
TB - Tag Bag
V - Valve
VS - Valve Stem

Customer: Duke

Month: Feb 2024

Jobsite: Langhill

Location: NM

Received by OCD: 9/17/2025 9:33:18 AM

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Service Ticket

25652

Tech Name: [illegible] Truck Number: 118

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used	C - CO2 Cartridge
3/22			Amerex	10#ABC	F8977716<	2020		✓			CC - Cartridge Cover
			Amerex	10#ABC	----69463	2020		✓			G - Gage
			Amerex	10#ABC	F8877 5563	2020		✓			GT - Gasket
			Badger	5#ABC	F8186 0196	2019		✓			HC - Hose Clip
			Badger	5#ABC	H16175797	2022		✓			H - Hose
			Amerex	5#ABC	----406378	2018		✓			L - Label
			Buckeye	20#ABC	A3969565	2016		✓			MT - Metal Tag
			Buckeye	20#ABC	H07902816	2022		✓			N - Nozzel
			Amerex	10#ABC	F8877 8291	2020		✓			OL - Operating Label
			Amerex	20#ABC	H96678490	2023		✓			OR - O-Ring
			Badger	5#ABC	H26069246	2023		✓			P - Pull Pin
			Amerex	20#ABC	H13727004	2022		✓			S - Seal
			Amerex	20#ABC	F97284597	2020		✓			TB - Tag Bag
			Amerex	20#ABC	I07644194	2023		✓			V - Valve
			Ansul	5#ABC	B04199598	2015	[mark, possibly crossed out]	[mark, possibly crossed out]	[mark, possibly crossed out]	Condemn Bad valve	VS - Valve Stem
			Amerex	5#ABC	F93820410	2020		✓			
			First Alert	5#ABC	I2847241	2023			✓		
			First Alert	5#ABC	I72847240	2023		✓			
			Amerex	20#ABC	F97284589	2020		✓			
			Amerex	5#ABC	I11613774	2024			✓	New	
			Buckeye	20#ABC	B06323972	2016		✓			

Customer: OWL Month: March 2024

Jobsite: Landfill Location: NM

Service Ticket

25653

Tech Name: A.Lolor **Truck Number:** 119

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used	C - CO2 Cartridge
3.11			AMGNR	20#ABC	H9954S131	2023		✓			CC - Cartridge Cover
			AMERX	20#ABC	F97724 6-2	2020		✓			G - Gage
											GT - Gasket
											HC - Hose Clip
											H - Hose
											L - Label
											MT - Metal Tag
											N - Nozzel
											OL - Operating Label
											OR - O-Ring
											P - Pull Pin
											S - Seal
											TB - Tag Bag
											V - Valve
											VS - Valve Stem

Customer: Oxil Month: March 2024

Jobsite: Landfill Location: NM

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Service Ticket

25691

Tech Name: A. Lopez

Truck Number: 119

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used
4-19			Buckeye	20#ABC	A3969 5656	2016		✓		
			Buckeye	20#ABC	H07902816	2023		✓		
			Amerex	10#ABC	F88777165	2020		✓		
			Amerex	10#ABC	----69463	2020		✓		
			Amerex	10#ABC	F88775563	2020		✓		Condemn Post
			Amerex	5#ABC	---406378	2018		✓		
			Amerex	5#ABC	H6175797	2022		✓		
			Badger	5#ABC	F81860196	2019		✓		
			Amerex	10#ABC	F88778291	2020		✓		
			Amerex	20#ABC	H96678490	2023		✓		
			Amerex	20#ABC	I07644484	2023		✓		
			Amerex	5#ABC	F93820410	2020		✓		
			Fire Alert	5#ABC	I2947241	2023		✓		
			Amerex	5#ABC	I16113774	2024		✓		
			Buckeye	20#ABC	A3969 5610	2016		✓		
			Amerex	20#ABC	F97284587	2020		✓		
			Fire Alert	5#ABC	I2847240	2023		✓		
			Amerex	20#ABC	F97284589	2020				Condemn Fitting Post
			Amerex	20#ABC	I27713123	2024			✓	New
			Amerex	10#ABC	I23039418	2024			✓	New
			Buckeye	20#ABC	B06323872	2016		✓		

Customer: OWL

Month: April 2024

Jobsite: Linam Hill

Location: NM

Received by OCD: 9/17/2025 9:33:18 AM

Released to Imaging: 9/17/2025 10:59:32 AM

Service Ticket

25692

Tech Name: [illegible] **Truck Number:** 118

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used	C - CO2 Cartridge
4.19			Amerex	204 ABC	H99545131	2-22			✓		CC - Cartridge Cover
			Amerex	204 ABC	F977246-7	2020		✓			G - Gage
											GT - Gasket
											HC - Hose Clip
											H - Hose
											L - Label
											MT - Metal Tag
											N - Nozzel
											OL - Operating Label
											OR - O-Ring
											P - Pull Pin
											S - Seal
											TB - Tag Bag
											V - Valve
											VS - Valve Stem

Customer: [illegible] Month: April 2024

Jobsite: Landfill Location: NM

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Service Ticket

26673

Tech Name: A. Leon

Truck Number: 162

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used
5 24			Buckeye	20HABC	B06323877	2016	✓		✓	
			Amerex	20HABC	I30390560	2024			✓	New
			Amerex	20HABC	F977346-2	2020		✓		

C - CO2 Cartridge
CC - Cartridge Cover
G - Gage
GT - Gasket
HC - Hose Clip
H - Hose
L - Label
MT - Metal Tag
N - Nozzel
OL - Operating Label
OR - O-Ring
P - Pull Pin
S - Seal
TB - Tag Bag
V - Valve
VS - Valve Stem

Customer: Ovl

Month: May 2024

Jobsite: Loving

Location: NM

Received by OCD: 9/17/2025 9:37:18 AM

Released to Imaging: 9/17/2025 10:59:32 AM

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Service Ticket

26672

Tech Name: Alvin

Truck Number: 162

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used
5.24			Buchanan	20#ABC	A39698656	2016		✓		
			Buchanan	20#ABC	H07902816	2023		✓		
			Amerex	10#ABC	FB87 77165	2020		✓		
			Amerex	10#ABC	--- 69463	2020		✓		
			Amerex	5#ABC	-- 406378	2018		✓		
			Badger	5#ABC	H16175797	2022		✓		
			Badger	5#ABC	F91860196	2019		✓		
			Amerex	10#ABC	FB87 77291	2020		✓		
			Amerex	20#ABC	H96678490	2023		✓		
			Amerex	20#ABC	I07644184	2013	✓	✓	✓	
			Amerex	20#ABC	H13727004	2022		✓		
			Amerex	10#ABC	I23039413	2024		✓		
			Amerex	5#ABC	F93820410	2020		✓		
			Buchanan	20#ABC	A39695610	2016		✓		
			Amerex	5#ABC	I16113774	2024		✓		
			First Alert	5#ABC	I28447241	2023		✓		
			Amerex	20#ABC	F97204587	2020				CONDEMN RUST/DENT
			First Alert	5#ABC	I72847240	2023		✓		
			Amerex	5#ABC	F93818851	2020		✓		
			Amerex	20#ABC	I27713128	2024		✓		
			Amerex	20#ABC	H99545131	2023		✓		

C - CO2 Cartridge
CC - Cartridge Cover
G - Gage
GT - Gasket
HC - Hose Clip
H - Hose
L - Label
MT - Metal Tag
N - Nozzel
OL - Operating Label
OR - O-Ring
P - Pull Pin
S - Seal
TB - Tag Bag
V - Valve
VS - Valve Stem

Customer: OWL

Month: MAY 2024

Jobsite: Landfill

Location: NM

Received by OCD: 9/17/2025 9:37:18 AM

Released to Imaging: 9/17/2025 10:59:32 AM

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Service Ticket

Tech Name: A. [illegible]

Truck Number: 162

26548

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used
6/6			Amerex	15# ABC	FB8778291	2020		✓		
			Amerex	10# ABC	- - - 69463	2020		✓		
			Amerex	20# ABC	J30390560	2024	✓		✓	
			Buckeye	5# ABC	11263692 69	2023	✓		✓	
			Amerex	20# ABC	H96678490	2023		✓		
			Amerex	10# ABC	I23039418	2024		✓		
			First Alert	5# ABC	J2947241	2023		✓		
			Buckeye	20# ABC	A3969561 0	2016		✓		
			Amerex	5# ABC	J161137 74	2024		✓		
			Amerex	5# ABC	F9381 8856	2020		✓		
			First Alert	5# ABC	J12847740	2023		✓		
			Amerex	20# ABC	I07644434	2023				CONDEMN RUST
			Amerex	20# ABC	J30402162	2024			✓	NEW
			Amerex	20# ABC	J2771 3123	2024		✓		
			Buckeye	20# ABC	B06323872	2016		✓		
			Amerex	20# ABC	H99545131	2023		✓		
			Buckeye	20# ABC	A3969 5656	2016		✓		
			Amerex	20# ABC	F972846-2	2020		✓		

C - CO2 Cartridge
CC - Cartridge Cover
G - Gage
GT - Gasket
HC - Hose Clip
H - Hose
L - Label
MT - Metal Tag
N - Nozzel
OL - Operating Label
OR - O-Ring
P - Pull Pin
S - Seal
TB - Tag Bag
V - Valve
VS - Valve Stem

Customer: Owl

Month: June 2024

Jobsite: Gaucho

Location: Jal, NM

Received by OCD: 9/17/2025 9:33:18 AM

Released to Imaging: 9/17/2025 10:59:32 AM

Service Ticket

26398

Tech Name: A. Isiur

Truck Number: 162

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used	C - CO2 Cartridge
9.23			Amerex	10# ABC	F38778291	2020		✓			CC - Cartridge Cover
			Amerex	10# ABC	---69463	2020		✓			G - Gage
			Amerex	20# ABC	H13727004	2022		✓			GT - Gasket
			Badger	5# ABC	H16175797	2022		✓			HC - Hose Clip
			Amerex	20# ABC	H96678490	2023		✓			H - Hose
			Badger	10# ABC	H38780470	2024		✓			L - Label
			Badger	20# ABC	H25835212	2022		✓			MT - Metal Tag
			Amerex	20# ABC	I30402162	2024		✓			N - Nozzel
			Amerex	20# ABC	H99545188	2023		✓			OL - Operating Label
			First alert	5# ABC	T12847240	2023		✓			OR - O-Ring
			Amerex	5# ABC	F93818856	2010		✓			P - Pull Pin
			Amerex	10# ABC	I23039418	2024		✓			S - Seal
			Amerex	5# ABC	I16113774	2024		✓			TB - Tag Bag
			Badger	5# ABC	H26069269	2023		✓			V - Valve
			First alert	5# ABC	F28477241	2023		✓			VS - Valve Stem
			Buckeye	20# ABC	A39695610	2016		✓			
			Amerex	20# ABC	I21113126	2024		✓			
			Amerex	20# ABC	H99545131	2023		✓			
			Amerex	20# ABC	T50310510	2024		✓			
			Badger	1# ABC	H32730469	2024	✓		✓		
			Badger	5# ABC	F31960196	2019	✓		✓	1) ABC Label "PL200"	

Customer: OWL

Month: Sept 2024

Jobsite: Landfill

Location: Jal, NM

Received by OCD: 9/17/2025 9:33:18 AM

Released to Imaging: 9/17/2025 10:59:32 AM

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Service Ticket

26399

Tech Name: A. Lujan

Truck Number: 162

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used	C - CO2 Cartridge
Q23			ANSUL	<# ABC	F930704LD	2023			✓		CC - Cartridge Cover
			ANSUL	20 LB ABC	F972346-Z	2023		✓			G - Gage
											GT - Gasket
											HC - Hose Clip
											H - Hose
											L - Label
											MT - Metal Tag
											N - Nozzel
											OL - Operating Label
											OR - O-Ring
											P - Pull Pin
											S - Seal
											TB - Tag Bag
											V - Valve
											VS - Valve Stem

Customer: OXY

Month: Sept 2024

Jobsite: Lynch

Location: Jal NM

Received by OCD: 9/17/2025 9:33:18 AM

Released to Imaging: 9/17/2025 10:59:32 AM

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Service Ticket

27338

Tech Name: A. Lewis

Truck Number: 162

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used
11.19	BLG# 1		AMEREX	10#ABC	FB9778291	2020		✓		
	1		AMEREX	10#ABC	---69463	2020		✓		
	BLG# 2		BADGER	10#ABC	H3878047O	2024		✓		
	1		AMEREX	20#ABC	H13727004	2022		✓		
	1		BADGER	5#ABC	F91860196	2019		✓		
	1		AMEREX	20#ABC	H9667B490	2023		✓		
	TK station		Buckeye	20#ABC	A3969561O	2016		✓		
	1		AMEREX	20#ABC	B3042162	2024	✓		✓	
	1		BADGER	20#ABC	H2588S723	2023			✓	
	1		Buckeye	20#ABC	B0632397 2	2016		✓		
	1		BADGER	20#ABC	H2588S212	2023		✓		
	1		BADGER	10#ABC	H3878046 9	2024		✓		
	1		Amerex	20#ABC	H9959128	2023		✓		
	1		First Alert	5#ABC	I2847240	2023		✓		
	1		AMERX	5#ABC	F9381B856	2020		✓		
	1		AMEREX	10#ABC	I2303941B	2024		✓		
	Shaker		First Alert	5#ABC	I2847241	2023		✓		
	1		BADGER	5#ABC	H26069269	2023		✓		
	1		AMEREX	5#ABC	I1611 3774	2024		✓		
	WASH BAY		AMEREX	20#ABC	I30390560	2024		✓		
	1		AMEREX	20#ABC	I2771312B	2024		✓		

Customer:	Dwl	Month:	Nov 2024
Jobsite:	Landfill	Location:	Jal, NM

C - CO2 Cartridge
CC - Cartridge Cover
G - Gage
GT - Gasket
HC - Hose Clip
H - Hose
L - Label
MT - Metal Tag
N - Nozzel
OL - Operating Label
OR - O-Ring
P - Pull Pin
S - Seal
TB - Tag Bag
V - Valve
VS - Valve Stem

Received by OCD: 9/17/2025 9:33:18 AM

Released to Imaging: 9/17/2025 10:59:32 AM

Service Ticket

27339

Tech Name: A. Lovn   Truck Number: 162

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used	C - CO2 Cartridge
11.19			Amerex	20#ABC	H9954 5131	2023		✓			CC - Cartridge Cover
			Amerex	5#ABC	H20455136	2022		✓			G - Gage
			Amerex	20#ABC	F972846-2	2020		✓			GT - Gasket
			Amerex	5#ABC	F93820410	2020		✓			HC - Hose Clip
			Buckeye	20#ABC	A39695656	2016		✓			H - Hose
											L - Label
											MT - Metal Tag
											N - Nozzel
											OL - Operating Label
											OR - O-Ring
											P - Pull Pin
											S - Seal
											TB - Tag Bag
											V - Valve
											VS - Valve Stem

Customer: Owl   Month: Nov 2024

Jobsite: Landfill   Location: Tal, NM

Received by OCD: 9/17/2025 9:33:18 AM

Released to Imaging: 9/17/2025 10:59:32 AM

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Service Ticket

25898

Tech Name: Aldair

Truck Number: 162

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used	C - CO2 Cartridge
12-30			AMEREX	20HASC	I30402162	2024	✓		✓		CC - Cartridge Cover
			BADGER	20HAMX	112585223	2023	✓		✓		G - Gage
			AMEREX	5HASC	F9382041P	2020		✓			GT - Gasket
			AMEREX	20HASC	F9728461-2	2020		✓			HC - Hose Clip
			AMEREX	5HASC	F8136196	2019		✓			H - Hose
											L - Label
											MT - Metal Tag
											N - Nozzel
											OL - Operating Label
											OR - O-Ring
											P - Pull Pin
											S - Seal
											TB - Tag Bag
											V - Valve
											VS - Valve Stem

Customer: DCP

Month: Dec 2024

Jobsite: Landfill

Location: Jal NM

Received by OCD: 9/17/2025 9:33:18 AM

Released to Imaging: 9/17/2025 10:59:32 AM

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Service Ticket

25897

Tech Name: A. Ibarra

Truck Number: 162

Date	Rig#	License Plate#	Brand	Model	Serial#	HTD	Refill	Monthly	Annual	Parts Used
12-20			Amerex	10 H ABC	FB8779291	2020		✓		
			Amerex	10 H ABC	- - 69463	2020		✓		
			Badger	10 H ABC	H39780470	2024		✓		
			Amerex	20 H ABC	H13727004	2022		✓		
			Badger	5 H ABC	H16175797	2022		✓		
			Amerex	20 H ABC	H96678490	2022		✓		
			Amerex	10 H ABC	J23029418	2024		✓		
			Amerex	5 H ABC	F93818856	2020		✓		
			Fire Ant	5 H ABC	J12947240	2023		✓		
			Amerex	20 H ABC	H99545128	2023		✓		
			Badger	5 H ABC	H26069269	2022		✓		
			Fire Ant	5 H ABC	J2847241	2023		✓		
			Amerex	5 H ABC	J1613774	2024		✓		
			Badger	10 H ABC	H39780469	2024		✓		
			Amerex	20 H ABC	J2713128	2024		✓		
			Amerex	20 H ABC	H99545131	2023		✓		
			Amerex	5 H ABC	H20455136	2022		✓		
			Kidde	20 H ABC	A3969560	2016	✓		✓	
			[illegible]	[illegible]	H26655[illegible]	2023		✓		
			Buckeye	20 H ABC	P0632B972	2016	✓		✓	
			Amerex	20 H ABC	J30390560	2-24	✓		✓	

C - CO2 Cartridge
CC - Cartridge Cover
G - Gage
GT - Gasket
HC - Hose Clip
H - Hose
L - Label
MT - Metal Tag
N - Nozzel
OL - Operating Label
OR - O-Ring
P - Pull Pin
S - Seal
TB - Tag Bag
V - Valve
VS - Valve Stem

Customer: Owl

Month: Dec 2024

Jobsite: Landfill

Location: Jal NM

Received by OCD: 9/17/2025 9:33:18 AM

Released to Imaging: 9/17/2025 10:59:32 AM

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator:	OGRID:
OWL LANDFILL SERVICES, LLC 3889 Maple Avenue Dallas, TX 75219	371820
	Action Number: 506605
	Action Type: [C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)

CONDITIONS

Created By	Condition	Condition Date
joseph.kennedy	OCD has found this annual report to be complete and accepts that the closure/post closure costs included are accurate.	9/17/2025