

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 1<sup>st</sup> 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 <a href="mailto:zramos@ndblandfill.com">zramos@ndblandfill.com</a>. 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 A	dministratio	n Cost (10%	6 of Task Totals)	\$131,518
			TOTAL COST	\$1,446,695

- 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	Unit	Unit	Total Cost	Total Cost
ITANIK MOU	Quantity	Cint	Cost	Per Year	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
	•	Tasi	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
	•	Tasi	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
	•	Tasi	Subtotals	\$1,580	\$47,400
		TAS	K TOTALS	\$13,815	\$414,450
Independent Project Manag	er and Cont		stration Cost Task Totals)	\$1,382	\$41,445
		TOT	AL COST	\$13,815	\$455,895

- 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
		Ta	sk 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
	•	Ta	sk Subtotal	\$1,975	\$59,250
		TASI	K TOTALS	\$5,000	\$150,000
Independent Project Manager and Contract A	dministratio	n Cost (10% of	Task Totals)	\$500	\$15,000
		TOT	AL COST	\$5,500	\$165,000

- 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).

# 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 a	cres)
Task 4.0	Units	Unit Cost	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
		1	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
		7	Task Subtotal	\$	85,140
4.1.3 Sampling	each	\$263	319	\$	83,993
4.1.4 Seeding	acres	\$1,971	28	\$	55,188
		7	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

- 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 Ouantity	Unit	Unit Cost	Total Cost Per Year	Total Cost For 3 Years
5.1 Surface Inspection and Reporting			0000	101 1001	101010
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
	•	Tas	k 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					\$15,765
5.3 Fencing					
5.3.1 Inspection/Repairs	2	events/yr	\$790	\$1,580	\$4,740
	\$1,580	\$4,740			
	\$10,515	\$31,545			
Independent Project Manager and C	Contract Adn	ninistration (	Cost (@ 10%)	\$1,052	\$3,155
		ТОТ	AL 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



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<sub>2</sub>S 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)

Mr. Tim Shreve OWL Landfill Services, LLC Page 2

June 12, 2024

### 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

Andy N. Yuhas, PG

Professional Geologist

ANY/pg Enclosures:

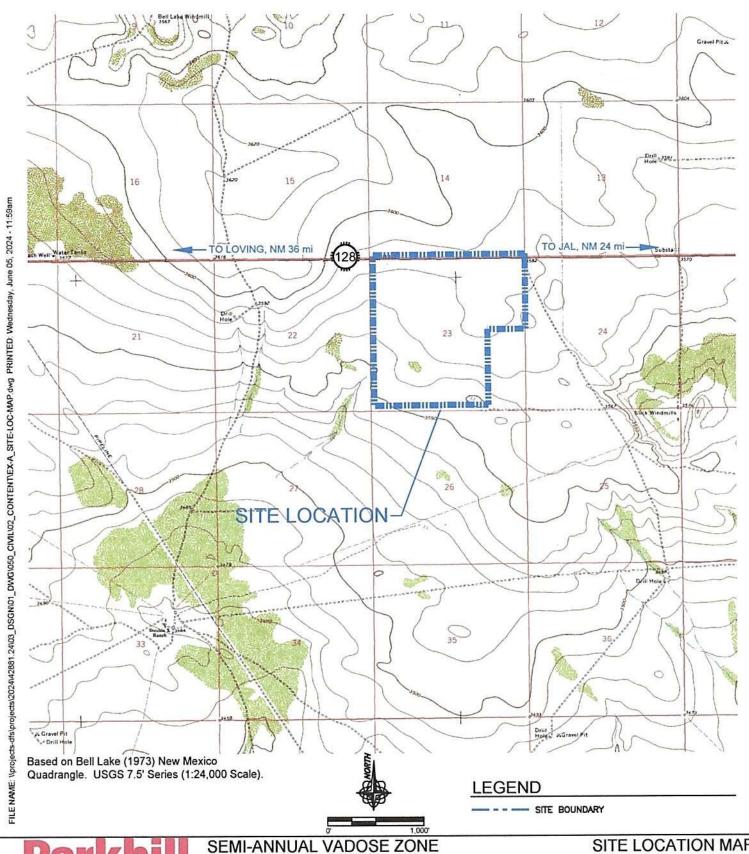
Exhibit A: Site Location Map

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

**EXHIBIT A: SITE LOCATION MAP** 



Parkhill.com

MONITORING

OWL NDBL SWMF JAL, NEW MEXICO

SITE LOCATION MAP

Date: Project No: 06/05/2024 42881.24

Sheet:

**EXHIBIT A** 

EXHIBIT B: SITE PLAN/VZM NETWORK MAP

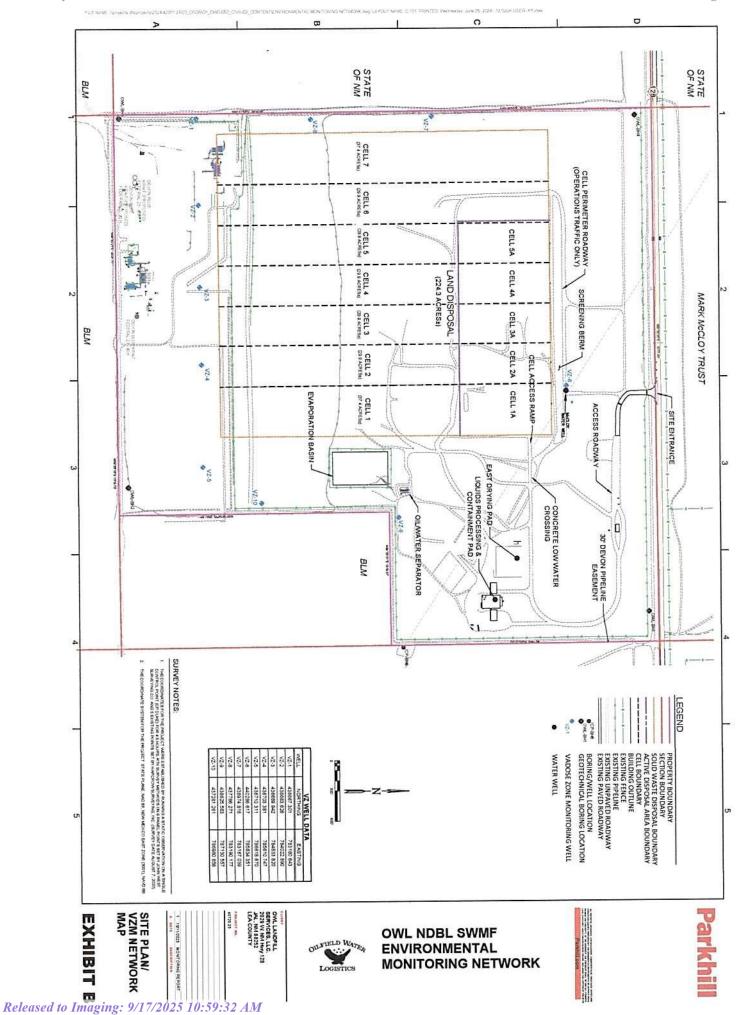


EXHIBIT C: VZM WELL SOIL VAPOR SCREENING RESULTS

### Vadose Zone Well Vapor Monitoring Form

**OWL Landfill Services, LLC** 

**Monitoring Personnel** 

Matt Kingsley

Date Apr. 24, 2024

Casing Volume (ft<sup>3</sup>) = Radius (ft)<sup>2</sup> x  $\pi$  x TD (ft)

0.0218 ft3/ft

0.0873 ft<sup>3</sup>/ft

Calculated Casinng Volume

Casing Diameter Casing Vol/ft

2-inch

4-inch

Weather Information

Date, Amount of Last Precipitation:

Temp: 78 Wind Speed: 5 mph Wind Direction: From East

Barometric Pressure: 29,98 inches mercury (Hg)

Weather Conditions: Clear, Sunny, Calm **Equipment Information** 

Monitoring Equipment Used: 5 EM SOOD S/N GS07609
Date and Time Last Calibrated: 6/24/2023

Well I.D.	Well Diameter (inches)	Total Well Depth (ftbtoc)	Casing Volume (ft³)	Purge Start Time	Elapsed Purge Time (min)	Oxygen (%)	Well Vapor I Carbon Dioxide (%)	Measuremen Methane (%)	Hydrogen Sulfide Gas	Comments
NZ.1	2	51.23		10:25	5	20.9	0,05	0.0	1 ppm	DTW 51.0
V2-2	2	43,99		10:00	5	19.8	0.6	0.0	1 ppm	Dry
VZ-3	2	42.09		9:30	5	1,65	0,4	0.0	Oppm	Dry
VZ-4	2	50,50		9:05	5	19.6	0.8	0,0	2 0nm	J.PF WTO
VZ-S	2	56,50		8:40	5	19.1	0.6	0.0	2 ppm	DTW SS.I
1/Z-6	2	62.10		11:50	10	19,3	1.3	0.0	2 ppm	DTW 60.5
1/Z-7	2	44,76		11:25	5	19.7	1.0	0.0	Opom	DLA
VZ-8	5	37.60		11:00	5	0.65	1.1	0.0	2 ppm	Dry
VZ-9	2	50,30		13:15	5	19,0	1,2	0,0	Loom	Dry
UZ-10	2	52.26		13:53	5	19.3	0.9	0.0	Loom	Dry
									11	(

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EXHIBIT D: NEARBY WEATHER STATION PRECIPITATION DATA

Exhibit D

Nearby Weather Station Precipitation data, Current and Historical

	Dist.						Ši.	ýl	Yn Str						
Station	(mi) 1	P.O.R.	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	ANN. <sup>2</sup>
Jal Co-op Station (294346) <sup>3</sup>	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) <sup>3</sup>	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) <sup>3</sup>	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	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 <sup>5</sup>
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

<sup>1; &</sup>quot;Dist." represents the distance from eachweather station to the NDBL Facility

<sup>2: &</sup>quot;ANN" refers to annual average rainfall for histori data stations, and YTD rainfall for nearby Personal Weather Stations (PWS)

<sup>3:</sup> Co-op station data are obtained from the Western Regional Climate Center (https://wrcc.dri.edu/Climate/west\_coop\_summaries.php)

<sup>4:</sup> 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)

<sup>\*:</sup> 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

<sup>2; &</sup>quot;12-mo" refers to curret month's rainfall and previous 11 months for historic data stations

Recent Citise
Hobbs, NM (88240) (/weather/us/nm/hobbs/32.71,-103.13) Jsl, NM (88252) (/weather/us/nm/jsl/32.11,-103.19) Las Vegas, NM (87701) (/weather/us/nm/ss-vegas/35.59,-1

Elev 3060 ft, 32.11 °N, 103.27 °W

### El Capitan - KNMJAL2 0

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



Online(updated 14 minutes ago)

**CURRENT CONDITIONS** 

MAP

DEWPOINT 59.0 ° F PRESSURE 29.76 in

PRECIP ACCUM 0.00 In

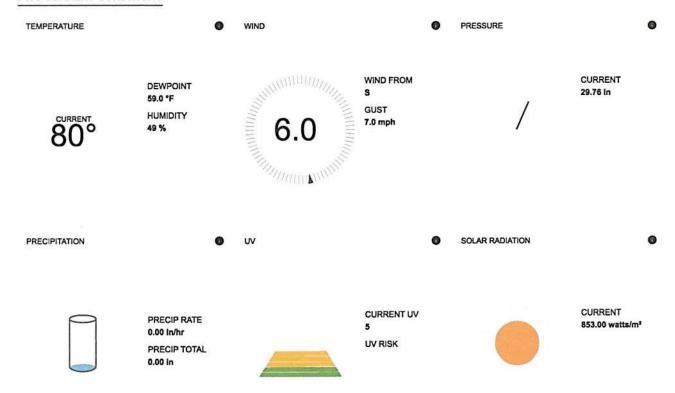
WIND & GUST 6.0 / 7.0 mph

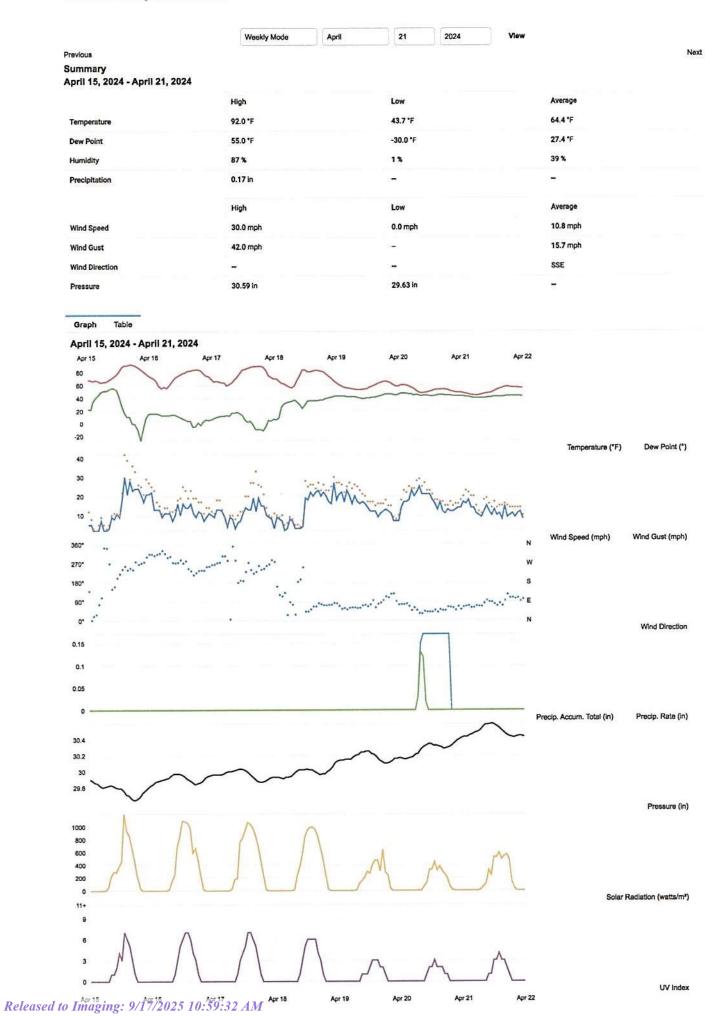
PRECIP RATE 0.00 ln/hr HUMIDITY 49 % UV



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

### **PWS CURRENT CONDITIONS**







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<sub>2</sub>S 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.

Mr. Zack Ramos OWL Landfill Services, LLC Page 2

December 17, 2024

### 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

Mr. Zack Ramos OWL Landfill Services, LLC Page 3

December 17, 2024

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** 

Andy N. Yuhas, PG Professional Geologist

ANY/pg Enclosures:

Exhibit A: Site Location Map

Exhibit B: Site Plan/VZM Network Map

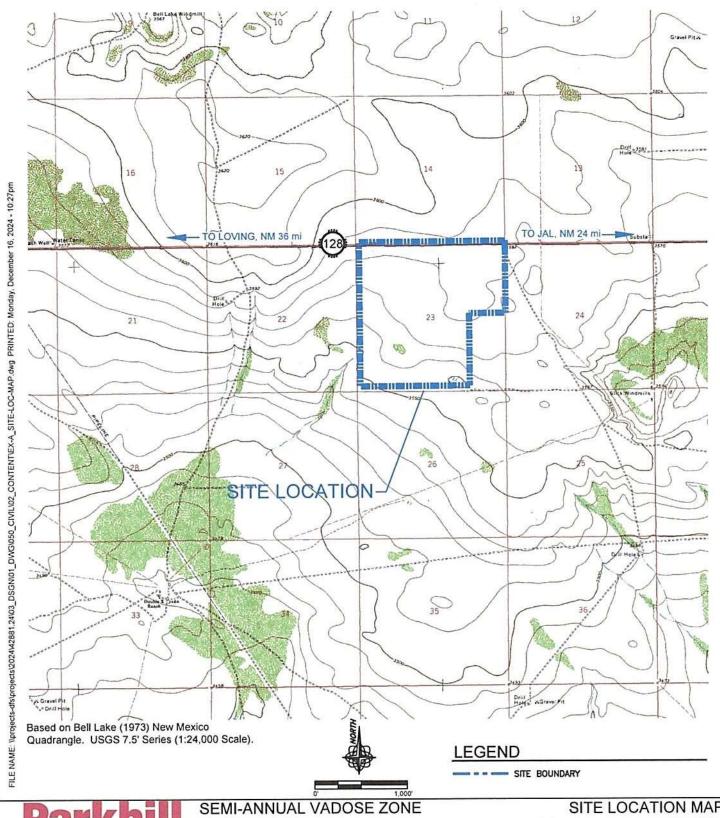
Exhibit C: VZM Purge Notes and Field Parameters

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

**EXHIBIT A: SITE LOCATION MAP** 



MONITORING

OWL NDBL SWMF Parkhill.com JAL, NEW MEXICO

SITE LOCATION MAP

Date: 12/15/2024

42881.24 Project No: Sheet: **EXHIBIT A**  EXHIBIT B: SITE PLAN/VZM NETWORK MAP

CD: 9/17/2025 9:33:18 A

# MONITORING NETWORK





SITE PLAN/
VZM NETWORK
MAP

EXHIBIT B

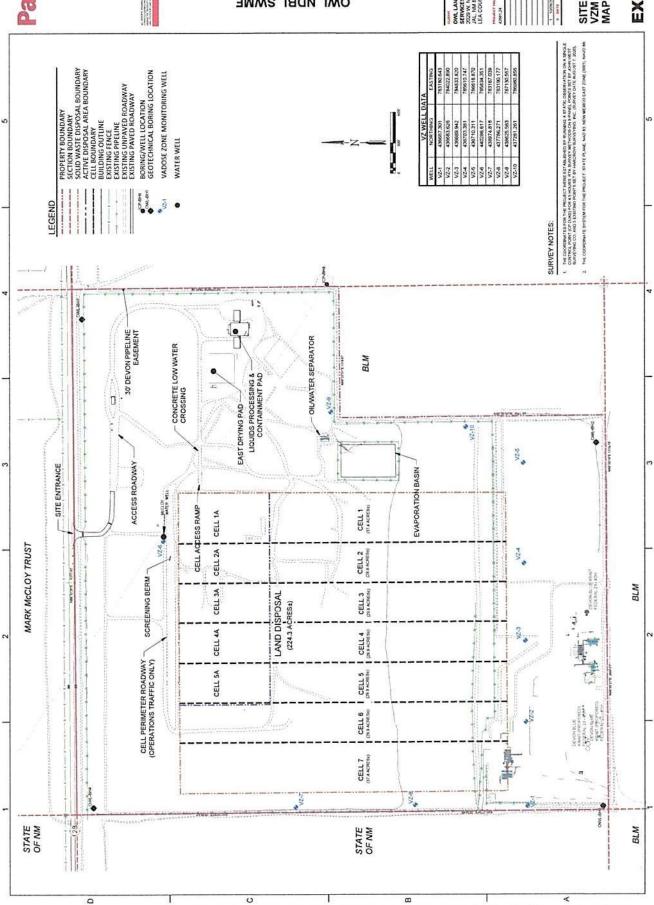


EXHIBIT C: VZM PURGE NOTES AND FIELD PARAMETERS

### **Groundwater Monitoring Field Notes**

Ambient Temperature: 70°F Wind Direction/Speed: Oulm Recent Precipitation:	Cloudy no ode	; ,			
Ambient 7 Wind Dire Recent	SC 23 (223 603	1001			Name Signature
	8'2 2'8	2 %			
on Pic	°c 21.3	21.0			1
Well ID: V2-5 h-to-water: 43,40 otal Depth: 56,50 cured from: 1201/2	Gallons Removed 0,5	2 23			LUMAS
Well ID: VE-5 Depth-to-water: 43,4 Total Depth: 56,50 Measured from: Mork	71me 9922 0927	0932			Signature
Site: OWL NDBL SWMF Samplers: Add Observers: Add SiteMell Condition: Add gis/	One Well ( $\frac{509}{120}$ - $\frac{4340}{120}$ ) = $\frac{13.70}{120}$ feet Volume (feet, (Total Depth - DTW) = well column gallons) $\frac{13.70}{120}$ x 0.163 = $\frac{2.74}{100}$ gallons (Well Column x 0.163) = $\frac{13.70}{100}$ teet	Three Well volumes $2M \times 3 = 6.42$ gallons 1 well-volume $\times 3 = 3$ well-volumes	Bailer br HydraSleeve"  Bailer pr HydraSleeve"  New 7 v or Dew 7 v	Notes: Sauple Trus 0935	Field Blank:  Dupe:  Sampler(s):  Filtered:  Signat

	Groundwater Monitoring Field Notes	
Ambient Temperature: 75 Wind Direction/Speed: Colon. Recent Precipitation: Ware	Observations  Ch, the Other	
Ambient Wind Dire Recent	2007 2007 6.83 6.93 6.93	Name Signature
	E 0 77 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
and the second s	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	
Well ID: \(\frac{12.6}{56.00}\) otal Depth: \(\beta 2.70\) ured from: \(\mayker) \)	Gallons Removed 12 22 32 32 32 32 32 32 32 32 32 32 32 32	YUKAS
Well ID: V2-6 Depth-to-water: 56.00 Total Depth: 62.0	1130 1(35 1(40 1(49) 1(49)	: HVM, Name Name Signature
₩ De		Sampler(s): Name
Site: OWL NDBL SWMF Samplers: Hy Observers: Site/Well Condition: Appl ER	One Well (62.70 - 500 ) = 6.70 feet  Volume (feet, (Total Depth - DTW) = well column gallons)  (Nell Column x 0.163 = 0,99 gallons (Well Column x 0.163) = 1 well-volume  Three Well Volumes  1 well-volume x 3 = 3 well-volumes  The well formation  Equipment Information  Equipment Information  Material/Source  Material/Source  Appx Length  Material/Source  Now 9 Previously Installed  New 9 Previously Installed  Appx Length  Material/Source  Appx Length  Material/Source  Appx Length  Material/Source  Now 9 Previously Installed  Notes:	Field Blank:  Dupe: Filtered:

EXHIBIT D: EUROFINS ENVIRONMENT TESTING SOUTH CENTRAL ANALYTICAL REPORT

### **Environment Testing**

## 1





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

**ANALYTICAL REPORT** 

### 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.

Page 1 of 33



## **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.

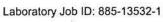
### **Authorization**

Generated 10/24/2024 3:04:27 PM

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

10/24/2024

Client: Parkhill Project/Site: NDBL Vadose Sampling



# **Table of Contents**

Cover Page	
able of Contents	3
Definitions/Glossary	ŀ
Case Narrative	
Client Sample Results 6	;
QC Sample Results	2
QC Association Summary	
ab Chronicle	27
Certification Summary	
Chain of Custody	31
Receipt Checklists	







### **Definitions/Glossary**

Client: Parkhill Job ID: 885-13532-

Project/Site: NDBL Vadose Sampling

### Qualifiers

### GC/MS VOA

Qualifier Qualifier Description

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.

Eisted 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

Eurofins Albuquerque

Job ID: 885-13532-1

### Case Narrative

Client: Parkhill

Project: NDBL Vadose Sampling

**Eurofins Albuquerque** Job ID: 885-13532-1

### 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.

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.

Eurofins Albuquerque

Client: Parkhill

Project/Site: NDBL Vadose Sampling

Client Sample ID: VZ-5

Lab Sample ID: 885-13532-1

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

Matrix: Water

Job ID: 885-13532-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
,1,1,2-Tetrachloroethane	<0.266		1.00	0.266	ug/L		1837	10/21/24 13:20	
1,1,1-Trichloroethane	< 0.0811		1.00	0.0811	ug/L			10/21/24 13:20	
1,1,2,2-Tetrachloroethane	< 0.273		2.00	0.273	ug/L			10/21/24 13:20	
.1.2-Trichloroethane	<0.198		1.00	0.198	ug/L			10/21/24 13:20	
1,1-Dichloroethane	< 0.304		1.00	0.304	ug/L			10/21/24 13:20	
.1-Dichloroethene	< 0.201		1.00	0.201				10/21/24 13:20	
,1-Dichloropropene	< 0.179		1.00	0.179	ug/L			10/21/24 13:20	
,2,3-Trichlorobenzene	< 0.249		1.00	0.249	ug/L			10/21/24 13:20	
,2,3-Trichloropropane	< 0.160		2.00	0.160	ug/L			10/21/24 13:20	
,2,4-Trichlorobenzene	< 0.400		1.00	0.400	ug/L			10/21/24 13:20	
,2,4-Trimethylbenzene	<0.122		1.00	0.122				10/21/24 13:20	
,2-Dibromo-3-Chloropropane	<0.587		2.00	0.587	ug/L			10/21/24 13:20	
,2-Dibromoethane (EDB)	< 0.304		1.00	0.304	ug/L			10/21/24 13:20	
,2-Dichlorobenzene	< 0.155		1.00	0.155	ug/L			10/21/24 13:20	
,2-Dichloroethane (EDC)	< 0.302		1.00	0.302				10/21/24 13:20	
,2-Dichloropropane	<0.200		1.00	0.200				10/21/24 13:20	
,3,5-Trimethylbenzene	<0.182		1.00	0.182	7 1 2 2 2 2 2			10/21/24 13:20	
,3-Dichlorobenzene	< 0.161		1.00	0.161				10/21/24 13:20	
,3-Dichloropropane	< 0.181		1.00	0.181	ug/L			10/21/24 13:20	
,4-Dichlorobenzene	<0.103		1.00	0.103	0.50			10/21/24 13:20	
-Methylnaphthalene	<2.00		4.00		ug/L			10/21/24 13:20	
,2-Dichloropropane	<0.261		2.00	0.261				10/21/24 13:20	
-Butanone	<2.03		10.0		ug/L			10/21/24 13:20	
-Chlorotoluene	<0.132		1.00	0.132				10/21/24 13:20	
-Hexanone	<1.79		10.0		ug/L			10/21/24 13:20	
-Methylnaphthalene	<2.00		4.00		ug/L			10/21/24 13:20	
-Chlorotoluene	<0.135		1.00	0.135				10/21/24 13:20	
-Isopropyltoluene	<0.202		1.00	0.202	1000			10/21/24 13:20	
-Methyl-2-pentanone	<1.50		10.0		ug/L			10/21/24 13:20	
cetone	<2.52		10.0		ug/L			10/21/24 13:20	
Benzene	<0.227		1.00	0.227				10/21/24 13:20	
Promobenzene	<0.284		1.00	0.284				10/21/24 13:20	
romodenzene romodichloromethane	<0.204		1.00	0.203				10/21/24 13:20	
Dibromochloromethane	<0.284		1.00	0.284				10/21/24 13:20	
Bromoform	<0.284		1.00	0.315	3.50			10/21/24 13:20	
	<1.00		3.00		ug/L			10/21/24 13:20	
Promomethane	<1.00		10.0		ug/L			10/21/24 13:20	
Carbon disulfide								10/21/24 13:20	
Carbon tetrachloride	< 0.175		1.00	0.175					
Chlorobenzene	<0.458		1.00	0.458				10/21/24 13:20	
chloroethane	<0.377		2.00	0.377	-			10/21/24 13:20	
chloroform	<0.250		1.00	0.250				10/21/24 13:20	
hloromethane	<0.410		3.00	0.410				10/21/24 13:20	
s-1,2-Dichloroethene	<0.388		1.00	0.388				10/21/24 13:20	
s-1,3-Dichloropropene	<0.115		1.00	0.115	1-1-2-2011			10/21/24 13:20	
ibromomethane	<0.309		1.00	0.309	100 mg			10/21/24 13:20	
Dichlorodifluoromethane	<0.256		1.00	0.256				10/21/24 13:20	
thylbenzene	<0.213		1.00	0.213				10/21/24 13:20	
Hexachlorobutadiene	< 0.417		1.00	0.417	ug/L			10/21/24 13:20	

Job ID: 885-13532-1 Client: Parkhill

Project/Site: NDBL Vadose Sampling

Lab Sample ID: 885-13532-1 Client Sample ID: VZ-5

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





Methylen-butyl Ether (MTBE)	# 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		Compound					Dropored	Analyzed	Dil Fac
Methylene Chloride			Qualifier		7777777	10 Carlot 10 Car	<u>_</u>	Frepared		Dil Fac
Pullyspenzene						THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TRANSPO				1
N-Propylberzene	and the area of the area and are are also are a					444 <del>4</del> 5335				1
Naphihalene	(1) (1 - 1) 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1									
Sey-Butylbenzene						(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)				1
Styrene	Naphthalene									1
International Content	sec-Butylbenzene	<0.144								1
Totachioroethene (PCE)	Styrene	< 0.136				10000				1
Toluene	tert-Butylbenzene	<0.244		1.00	0.244	ug/L				1
Commonweight   Comm	Tetrachloroethene (PCE)	< 0.178		1.00	0.178	ug/L			10/21/24 13:20	1
Trichloropropene	Toluene	< 0.250		1.00	0.250	ug/L				1
Trichloroethene (TCE)	trans-1,2-Dichloroethene	< 0.193		1.00	0.193	ug/L			10/21/24 13:20	1
Trichiorofiluoromethane	trans-1,3-Dichloropropene	< 0.339		1.00	0.339	ug/L			10/21/24 13:20	1
Viryl chloride	Trichloroethene (TCE)	< 0.204		1.00	0.204	ug/L			10/21/24 13:20	1
Surrogate   %Recovery   Qualifier   Limits   Prepared   Analyzed   Dil I	Trichlorofluoromethane	< 0.159		1.00	0.159	ug/L			10/21/24 13:20	1
Surrogate   %Recovery   Qualifier   Limits   Prepared   Analyzed   Dil I	Vinyl chloride	< 0.320		1.00	0.320	ug/L			10/21/24 13:20	1
1,2-Dichloroethane-d4 (Surr)		< 0.374		1.50	0.374	ug/L			10/21/24 13:20	1
1,2-Dichloroethane-d4 (Surr)	Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
### A-Bromofluorobenzene (Surr)				70 - 130				V	10/21/24 13:20	1
### A-Bromofluorobenzene (Surr)	Toluene-d8 (Surr)	99		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   10/11/24 22:39		103		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 I	THE CONTRACTOR OF THE PROPERTY	102		70 - 130					10/21/24 13:20	1
Method: SW846 8015D - Diesel Range Organics (DRO) (GC)   Analyte   Result   Qualifier   RL   MDL   Unit   D   Prepared   Analyzed   10/11/24 15:03   10/11/24 11:11   10/11/24 15:03   10/11/24	Casomio Harigo Cigarinos (Co. Ciro)			0.0300	0.0132	mq/L			10/11/24 22:39	1
Method: SW846 8015D - Diesel Range Organics (DRO) (GC)   Analyte   Result   Qualifier   RL   MDL   Unit   D   Prepared   Analyzed   Dil I		~~	0		0.0132	mg/L		Description of		1 Dil Foo
Analyte   Result   Qualifier   RL   MDL   Unit   D   Prepared   Analyzed   Dil I			Qualifier	Limits	0.0132	mg/L		Prepared	Analyzed	
Diesel Range Organics [C10-C28]   <0.580   1.00   0.580   mg/L   10/11/24 11:11   10/11/24 15:03			Qualifier	Limits	0.0132	mg/L		Prepared	Analyzed	
Motor Oil Range Organics [C28-C40]   <1.30   5.00   1.30   mg/L   10/11/24 11:11   10/11/24 15:03	4-Bromofluorobenzene (Surr)	109		Limits 15 - 270	0.0132	mg/L		Prepared	Analyzed	
Surrogate   %Recovery   Qualifier   Limits   2011/10/11/24   11:11   10/11/24   15:03   10/11/24   11:11   10/11/24   15:03   10/11/24   11:11   10/11/24   15:03   10/11/24   11:11   10/11/24   15:03   10/11/24   11:11   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   15:03   10/11/24   17:11   10/11/24   17:11   10/11/24   17:11   10/11/24   17:11   10/11/24   10/11	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese	109 el Range Org	ganics (DR	Limits 15 - 270		200- <b>7</b> 0000	D		Analyzed 10/11/24 22:39	1
Method: EPA 300.0 - Anions, Ion Chromatography   Analyte   Result   Qualifier   RL   MDL   Unit   D   Prepared   Moderate   Modera	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte	109 el Range Org Result	ganics (DR	Limits 15 - 270 RO) (GC)	MDL	Unit	<u>D</u>	Prepared	Analyzed 10/11/24 22:39 Analyzed	1
Method: EPA 300.0 - Anions, Ion Chromatography           Analyte         Result Qualifier         RL         MDL Unit         D         Prepared         Analyzed         Dil R           Chloride         4.44         0.500         0.250 mg/L         10/10/24 17:11           Fluoride         2.71         0.100         0.0460 mg/L         10/10/24 17:11           Orthophosphate as P         <0.250 H	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte  Diesel Range Organics [C10-C28]	109 el Range Or Result <0.580	ganics (DR	Limits 15 - 270 RO) (GC) RL 1.00	MDL 0.580	Unit mg/L	<u>D</u>	Prepared 10/11/24 11:11	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03	Dil Fac
Analyte   Result   Qualifier   RL   MDL   Unit   D   Prepared   Analyzed   Dil I	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate	109 el Range Org Result <0.580 <1.30	ganics (DR Qualifier	Limits 15 - 270 RO) (GC) RL 1.00 5.00 Limits	MDL 0.580	Unit mg/L	<u>D</u>	Prepared 10/11/24 11:11 10/11/24 11:11 Prepared	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03 Analyzed	Dil Fac
Analyte   Result   Qualifier   RL   MDL   Unit   D   Prepared   Analyzed   Dil I	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate	el Range Org Result <0.580 <1.30	ganics (DR Qualifier	Limits 15 - 270 RO) (GC) RL 1.00 5.00 Limits	MDL 0.580	Unit mg/L	<u>D</u>	Prepared 10/11/24 11:11 10/11/24 11:11 Prepared	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03 Analyzed	Dil Fac
Chloride	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)	109 Pl Range Org Result <0.580 <1.30  %Recovery 99	ganics (DR Qualifier	Limits 15 - 270 RO) (GC) RL 1.00 5.00 Limits	MDL 0.580	Unit mg/L	<u> </u>	Prepared 10/11/24 11:11 10/11/24 11:11 Prepared	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03 Analyzed	Dil Fac
Fluoride	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I	el Range Organis (1.30 %Recovery 99 on Chromat	ganics (DR Qualifier Qualifier	Limits 15 - 270  RO) (GC) RL 1.00 5.00  Limits 46 - 159	MDL 0.580 1.30	Unit mg/L mg/L		Prepared 10/11/24 11:11 10/11/24 11:11 Prepared 10/11/24 11:11	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03  Analyzed 10/11/24 15:03	Dil Fac
Orthophosphate as P         <0.250 H         0.500 0.250 mg/L         10/10/24 17:11           Nitrate Nitrite as N         7.20 1.00 0.112 mg/L         10/14/24 22:41 10/14/24 22:41           Sulfate         9.53 0.500 0.250 mg/L         10/10/24 17:11           Method: SW846 6010B - Metals (ICP) - Total Recoverable Analyte         Result Qualifier         RL MDL Unit ND DESTRICT         Prepared No.00200 0.000950 mg/L         Analyzed DII NO.00200 0.000950 mg/L         Dil No.00200 0.000950 mg/L         10/11/24 10:02 10/14/24 09:28           Cadmium         <0.00121 0.00200 0.00121 mg/L	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte	el Range Organis (1.30 %Recovery 99 on Chromal Result	ganics (DR Qualifier Qualifier	Limits 15 - 270  RO) (GC) RL 1.00 5.00  Limits 46 - 159	MDL 0.580 1.30	Unit mg/L mg/L		Prepared 10/11/24 11:11 10/11/24 11:11 Prepared 10/11/24 11:11	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03  Analyzed 10/11/24 15:03  Analyzed	Dil Fac  Dil Fac  1
Nitrate Nitrite as N   7.20   1.00   0.112   mg/L   10/14/24 22:41   Sulfate   9.53   0.500   0.250   mg/L   10/10/24 17:11	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride	el Range Organis (1.30)  **Recovery*  99  on Chromat Result 4.44	ganics (DR Qualifier Qualifier	Limits 15 - 270  RO) (GC) RL 1.00 5.00  Limits 46 - 159  RL 0.500	MDL 0.580 1.30	Unit mg/L mg/L		Prepared 10/11/24 11:11 10/11/24 11:11 Prepared 10/11/24 11:11	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03  Analyzed 10/11/24 15:03  Analyzed 10/10/24 17:11	Dil Fac
Sulfate         9.53         0.500         0.250 mg/L         10/10/24 17:11           Method: SW846 6010B - Metals (ICP) - Total Recoverable           Analyte         Result         Qualifier         RL         MDL         Unit         D         Prepared         Analyzed         Dil I           Barium         0.210         0.00200         0.000950         mg/L         10/11/24 10:02         10/14/24 09:28           Cadmium         <0.00121	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride	## 109  ## Range Organization    ## 20.580	ganics (DR Qualifier Qualifier tography Qualifier	Limits 15 - 270  RO) (GC) RL 1.00 5.00  Limits 46 - 159  RL 0.500 0.100	MDL 0.580 1.30 MDL 0.250 0.0460	Unit mg/L mg/L		Prepared 10/11/24 11:11 10/11/24 11:11 Prepared 10/11/24 11:11	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03  Analyzed 10/11/24 15:03  Analyzed 10/10/24 17:11 10/10/24 17:11	Dil Fac  Dil Fac  Dil Fac  1  Dil Fac  1
Analyte         Result Dulifier         RL OLOGO         MDL Unit Unit Unit Unit Unit Unit Unit Unit	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride Orthophosphate as P	## 109  ## Range Organization   ## 20.580    ## 20.580	ganics (DR Qualifier Qualifier tography Qualifier	Limits 15 - 270  RO) (GC) RL 1.00 5.00  Limits 46 - 159  RL 0.500 0.100 0.500	MDL 0.580 1.30 MDL 0.250 0.0460 0.250	Unit mg/L mg/L  Unit mg/L mg/L mg/L		Prepared 10/11/24 11:11 10/11/24 11:11 Prepared 10/11/24 11:11	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03  Analyzed 10/11/24 15:03  Analyzed 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11	Dil Face  Dil Face  Dil Face  1  Dil Face
Analyte         Result Dulifier         RL OLOGO         MDL Unit Unit Unit Unit Unit Unit Unit Unit	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride Orthophosphate as P Nitrate Nitrite as N	## 109  ## Range Organization   ## 20.580  ## <0.580  ## <0.580  *1.30  ## ## ## ## ## ## ## ## ## ## ## ## ##	ganics (DR Qualifier Qualifier tography Qualifier	Limits 15 - 270  RO) (GC) RL 1.00 5.00  Limits 46 - 159  RL 0.500 0.100 0.500 1.00	MDL 0.580 1.30 MDL 0.250 0.0460 0.250 0.112	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L		Prepared 10/11/24 11:11 10/11/24 11:11 Prepared 10/11/24 11:11	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03  Analyzed 10/11/24 15:03  Analyzed 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11	Dil Face  Dil Face  Dil Face  1  Dil Face  1  Dil Face
Barium         0.210         0.00200         0.000950         mg/L         10/11/24 10:02         10/14/24 09:28           Cadmium         <0.00121	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride Orthophosphate as P Nitrate Nitrite as N Sulfate	## Result	ganics (DR Qualifier Qualifier tography Qualifier	Limits 15 - 270  RO) (GC) RL 1.00 5.00  Limits 46 - 159  RL 0.500 0.100 0.500 1.00 0.500	MDL 0.580 1.30 MDL 0.250 0.0460 0.250 0.112	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L		Prepared 10/11/24 11:11 10/11/24 11:11 Prepared 10/11/24 11:11	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03  Analyzed 10/11/24 15:03  Analyzed 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11	Dil Face  Dil Face  Dil Face  1  Dil Face  1  Dil Face
Cadmium <0.00121 0.00200 0.00121 mg/L 10/11/24 10:02 10/14/24 09:28	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride Orthophosphate as P Nitrate Nitrite as N Sulfate  Method: SW846 6010B - Metal	## Result	ganics (DR Qualifier Qualifier tography Qualifier	Limits 15-270 RO) (GC) RL 1.00 5.00  Limits 46-159  RL 0.500 0.100 0.500 1.00 0.500 rable	MDL 0.580 1.30 MDL 0.250 0.0460 0.250 0.112 0.250	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<u>D</u>	Prepared 10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11  Prepared	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03  Analyzed 10/11/24 15:03  Analyzed 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11	Dil Fac  1  Dil Fac  1  Dil Fac  1  1  1  1  1  1  1  1  1  1  1
	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride Orthophosphate as P Nitrate Nitrite as N Sulfate  Method: SW846 6010B - Metal Analyte	## Result	ganics (DR Qualifier Qualifier tography Qualifier	Limits 15 - 270  RO) (GC) RL 1.00 5.00  Limits 46 - 159  RL 0.500 0.100 0.500 1.00 0.500 rable RL	MDL 0.580 1.30 MDL 0.250 0.0460 0.250 0.112 0.250	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<u>D</u>	Prepared 10/11/24 11:11 10/11/24 11:11 Prepared 10/11/24 11:11 Prepared	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03  Analyzed 10/11/24 15:03  Analyzed 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11	Dil Fac
	4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride Orthophosphate as P Nitrate Nitrite as N Sulfate  Method: SW846 6010B - Metal Analyte Barium	## Result	ganics (DR Qualifier Qualifier tography Qualifier	Limits 15 - 270  RO) (GC) RL 1.00 5.00  Limits 46 - 159  RL 0.500 0.100 0.500 1.00 0.500 rable RL 0.00200	MDL 0.580 1.30 MDL 0.250 0.0460 0.250 0.112 0.250 MDL 0.000950	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<u>D</u>	Prepared 10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11  Prepared  Prepared  10/11/24 10:02	Analyzed 10/11/24 22:39  Analyzed 10/11/24 15:03 10/11/24 15:03  Analyzed 10/11/24 15:03  Analyzed 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11 10/10/24 17:11  Analyzed 10/14/24 09:28	Dil Fac  Dil Fac  Dil Fac  Dil Fac

Job ID: 885-13532-1 Client: Parkhill

Project/Site: NDBL Vadose Sampling

Lab Sample ID: 885-13532-1 Client Sample ID: VZ-5

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



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 Rec	overable						
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 - Mercu	ry (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

1,1,1,2-Tetrachloroethane 1,1,1-Trichloroethane

1,1,2,2-Tetrachloroethane

1,1,2-Trichloroethane

# **Client Sample Results**

Job ID: 885-13532-1 Client: Parkhill

1.00

1.00

2.00

1.00

MDL Unit

0.266 ug/L

0.0811 ug/L

0.273 ug/L

0.198 ug/L

Project/Site: NDBL Vadose Sampling

Client Sample ID: VZ-6

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

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

Result Qualifier

<0.266

<0.0811

< 0.273

< 0.198



Dil Fac

1

1

Matrix: Water

Lab Sample ID: 885-13532-2

Analyzed 10/21/24 13:48

10/21/24 13:48

10/21/24 13:48

10/21/24 13:48

Prepared

5	
F:	











	1,1-Dichloroethane	< 0.304	1.00	0.304	ua/l	10/21/24 13:48	carr
1		-0.007	1.00	0.304	ug/L	10/21/24 13:40	1
ч	1,1-Dichloroethene	<0.201	1.00	0.201	ug/L	10/21/24 13:48	1
ı	1,1-Dichloropropene	<0.179	1.00	0.179	ug/L	10/21/24 13:48	1
ı	1,2,3-Trichlorobenzene	<0.249	1.00	0.249	ug/L	10/21/24 13:48	1
ı	1,2,3-Trichloropropane	<0.160	2.00	0.160	ug/L	10/21/24 13:48	1
ı	1,2,4-Trichlorobenzene	<0.400	1.00	0.400	ug/L	10/21/24 13:48	1
1	1,2,4-Trimethylbenzene	<0.122	1.00	0.122	ug/L	10/21/24 13:48	1
ı	1,2-Dibromo-3-Chloropropane	<0.587	2.00	0.587	ug/L	10/21/24 13:48	1
ı	1,2-Dibromoethane (EDB)	< 0.304	1.00	0.304		10/21/24 13:48	1
1	1,2-Dichlorobenzene	<0.155	1.00	0.155		10/21/24 13:48	1
ı	1,2-Dichloroethane (EDC)	<0.302	1.00	0.302		10/21/24 13:48	1
1	1,2-Dichloropropane	<0.200	1.00	0.200		10/21/24 13:48	1
١	1,3,5-Trimethylbenzene	<0.182	1.00	0.182		10/21/24 13:48	1
ı	1,3-Dichlorobenzene	<0.161	1.00	0.161	ug/L	10/21/24 13:48	1
1	1,3-Dichloropropane	<0.181	1.00	0.181		10/21/24 13:48	1
ı	1,4-Dichlorobenzene	<0.103	1.00	0.103	(30)	10/21/24 13:48	1
١	1-Methylnaphthalene	<2.00	4.00	2.00		10/21/24 13:48	1
1	2,2-Dichloropropane	<0.261	2.00	0.261		10/21/24 13:48	1
١	2-Butanone	<2.03	10.0	2.03		10/21/24 13:48	1
ı	2-Chlorotoluene	<0.132	1.00	0.132	The state of the s	10/21/24 13:48	1
١	2-Hexanone	<1.79	10.0	1.79		10/21/24 13:48	1
1	2-Methylnaphthalene	<2.00	4.00	2.00		10/21/24 13:48	1
1	4-Chlorotoluene	<0.135	1.00	0.135		10/21/24 13:48	1
١	4-Isopropyltoluene	<0.202	1.00	0.202		10/21/24 13:48	1
1	4-Methyl-2-pentanone	<1.50	10.0	1.50		10/21/24 13:48	1
1	Acetone	3.03 J	10.0	2.52		10/21/24 13:48	1
1	Benzene	<0.227	1.00	0.227		10/21/24 13:48	1
1	Bromobenzene	<0.284	1.00	0.284		10/21/24 13:48	1
١	Bromodichloromethane	<0.203	1.00	0.203		10/21/24 13:48	1
ı	Dibromochloromethane	<0.284	1.00	0.284		10/21/24 13:48	1
ı	Bromoform	<0.315	1.00	0.315		10/21/24 13:48	1
ı	Bromomethane Carbon disulfide	<1.00 <1.00	3.00 10.0	1.00 1.00	170	10/21/24 13:48 10/21/24 13:48	1
l	Carbon distillide  Carbon tetrachloride	<0.175	1.00	0.175		10/21/24 13:48	1
1	Chlorobenzene	<0.458	1.00	0.458		10/21/24 13:48	1
ı	Chloroethane	<0.377	2.00	0.377		10/21/24 13:48	1
ı	Chloroform	<0.250	1.00	0.250		10/21/24 13:48	1
ı	Chloromethane	<0.410	3.00	0.410		10/21/24 13:48	1
	cis-1,2-Dichloroethene	<0.388	1.00	0.388		10/21/24 13:48	1
1	cis-1,3-Dichloropropene	<0.115	1.00	0.115		10/21/24 13:48	1
	Dibromomethane	<0.309	1.00	0.309		10/21/24 13:48	1
I	Dichlorodifluoromethane	<0.256	1.00	0.256	17 15 THE STATE OF	10/21/24 13:48	1
	Ethylbenzene	<0.213	1.00	0.213		10/21/24 13:48	1
	Hexachlorobutadiene	<0.417	1.00	0.417		10/21/24 13:48	1
1	Isopropylbenzene	<0.183	1.00	0.183		10/21/24 13:48	1

Client: Parkhill Project/Site: NDBL Vadose Sampling

Lab Sample ID: 885-13532-2 Client Sample ID: VZ-6

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



Matrix: Water

Method: SW846 8260B - Volati Analyte	Result	Qualifier	RL	MDL		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	ă
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	0.00			10/21/24 13:48	
Styrene	<0.136		1.00	0.136	50			10/21/24 13:48	
tert-Butylbenzene	<0.244		1.00	0.244				10/21/24 13:48	
Tetrachloroethene (PCE)	<0.178		1.00	0.178	5.5.4			10/21/24 13:48	
Toluene	<0.250		1.00	0.250				10/21/24 13:48	
trans-1,2-Dichloroethene	<0.193		1.00	0.193				10/21/24 13:48	
trans-1,3-Dichloropropene	<0.339		1.00	0.339				10/21/24 13:48	
Trichloroethene (TCE)	<0.204		1.00	0.204				10/21/24 13:48	
귀 걸게 있었다. 하다 있는 것이 가지 않고 있었다.	<0.159		1.00	0.159				10/21/24 13:48	
Trichlorofluoromethane			1.00	0.320	C. N. 4000 520			10/21/24 13:48	
Vinyl chloride	<0.320		1.50	0.374				10/21/24 13:48	
Xylenes, Total	< 0.374		1.50	0.374	ug/L			10/21/24 10:10	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,2-Dichloroethane-d4 (Surr)	100		70 - 130					10/21/24 13:48	
Toluene-d8 (Surr)	99		70 - 130					10/21/24 13:48	
4-Bromofluorobenzene (Surr)	103		70 - 130					10/21/24 13:48	
			70 - 130					10/21/24 13:48	
Dibromofluoromethane (Surr)  Method: SW846 8015D - Gaso  Analyte	Result	Organics (	GRO) (GC)	MDL		<u>D</u>	Prepared	Analyzed	
Dibromofluoromethane (Surr)  Method: SW846 8015D - Gaso Analyte	line Range		GRO) (GC)	MDL 0.0132		<u>D</u>	Prepared	Analyzed 10/11/24 23:49	
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]	line Range Result	Qualifier	GRO) (GC)			<u>D</u>	Prepared Prepared		
Dibromofluoromethane (Surr)  Method: SW846 8015D - Gaso Analyte	Result <0.0132	Qualifier	GRO) (GC) RL 0.0500			_ <u>D</u>		10/11/24 23:49	
Dibromofluoromethane (Surr)  Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)	Result <0.0132  **Recovery 108	Qualifier Qualifier	GRO) (GC) RL 0.0500 Limits 15-270			<u>D</u>		10/11/24 23:49 Analyzed	
Dibromofluoromethane (Surr)  Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate	Result <0.0132  **Recovery 108  Pl Range Organization   108	Qualifier Qualifier	GRO) (GC) RL 0.0500 Limits 15-270		mg/L	<u>D</u>		10/11/24 23:49 Analyzed	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte	Result <0.0132  **Recovery 108  Pl Range Organization   108	Qualifier  Qualifier  ganics (DF	(GRO) (GC) RL 0.0500 Limits 15-270	0.0132	mg/L Unit		Prepared	10/11/24 23:49 <b>Analyzed</b> 10/11/24 23:49	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese	Result <0.0132  %Recovery 108 Pl Range Organization	Qualifier  Qualifier  ganics (DF	(GRO) (GC) RL 0.0500 Limits 15-270 RO) (GC) RL	0.0132 MDL 0.580	mg/L Unit		Prepared Prepared	10/11/24 23:49  Analyzed  10/11/24 23:49  Analyzed	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28]	Result <0.0132  **Recovery 108  Plantage Organisation Result <0.580	Qualifier  Qualifier  ganics (DF  Qualifier	(GRO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00	0.0132 MDL 0.580	mg/L  Unit mg/L		Prepared  10/11/24 11:11 10/11/24 11:11 Prepared	Analyzed  Analyzed  10/11/24 23:49  Analyzed  10/11/24 15:16 10/11/24 15:16  Analyzed	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	Result <0.0132  %Recovery 108 el Range Org Result <0.580 <1.30	Qualifier  Qualifier  ganics (DF  Qualifier	(GRO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00	0.0132 MDL 0.580	mg/L  Unit mg/L		Prepared  Prepared  10/11/24 11:11  10/11/24 11:11	Analyzed 10/11/24 23:49 Analyzed 10/11/24 23:49  Analyzed 10/11/24 15:16 10/11/24 15:16	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)	Result <0.0132  **Recovery 108  Plange Org Result <0.580 <1.30  **Recovery 97	Qualifier  Qualifier  ganics (DF  Qualifier  Qualifier	(GRO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits	0.0132 MDL 0.580	mg/L  Unit mg/L		Prepared  10/11/24 11:11 10/11/24 11:11 Prepared	Analyzed  Analyzed  10/11/24 23:49  Analyzed  10/11/24 15:16 10/11/24 15:16  Analyzed	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I	Result <0.0132  **Recovery 108  **Result <0.580 <1.30  **Recovery 97  **Recovery  97	Qualifier  Qualifier  Qualifier  Qualifier  Qualifier	(GRO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits 46-159	0.0132 MDL 0.580 1.30	mg/L mg/L mg/L	<u>D</u>	Prepared  10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11	Analyzed 10/11/24 23:49  Analyzed 10/11/24 23:49  Analyzed 10/11/24 15:16 10/11/24 15:16  Analyzed 10/11/24 15:16	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte	Result <0.0132  **Recovery 108  **Result <0.580 <1.30  **Recovery 97  **Con Chromat Result  **Result **Result **Recovery **Recovery **Result **Result **Recovery **Recovery **Result **Result **Result **Result **Result	Qualifier  Qualifier  ganics (DF  Qualifier  Qualifier	(GRO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits 46-159	0.0132 MDL 0.580 1.30	mg/L mg/L mg/L		Prepared  10/11/24 11:11 10/11/24 11:11 Prepared	Analyzed  Analyzed  10/11/24 23:49  Analyzed  10/11/24 15:16  10/11/24 15:16  Analyzed  10/11/24 15:16  Analyzed  Analyzed	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I	Result <0.0132  **Recovery 108  Plange Org Result <0.580 <1.30  **Recovery 97  on Chromal Result 1700	Qualifier  Qualifier  Qualifier  Qualifier  Qualifier	(GRO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits 46-159  RL 100	MDL 0.580 1.30	mg/L mg/L mg/L mg/L	<u>D</u>	Prepared  10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11	Analyzed 10/11/24 23:49  Analyzed 10/11/24 23:49  Analyzed 10/11/24 15:16 10/11/24 15:16  Analyzed 10/11/24 15:16  Analyzed 10/15/24 17:08	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride	Result	Qualifier  Qualifier  ganics (DF Qualifier  Qualifier  tography Qualifier	(GRO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits 46-159  RL 100 0.100	MDL 0.580 1.30 MDL 50.0 0.0460	Unit mg/L mg/L  Unit mg/L mg/L	<u>D</u>	Prepared  10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11	Analyzed 10/11/24 23:49  Analyzed 10/11/24 23:49  Analyzed 10/11/24 15:16 10/11/24 15:16  Analyzed 10/11/24 15:16  Analyzed 10/15/24 17:08 10/10/24 17:36	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride	Result	Qualifier  Qualifier  ganics (DF Qualifier  Qualifier  tography Qualifier	(GRO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits 46-159  RL 100 0.100 0.500	MDL 0.580 1.30 MDL 50.0 0.0460 0.250	Unit mg/L mg/L mg/L mg/L mg/L mg/L	<u>D</u>	Prepared  10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11	Analyzed 10/11/24 23:49  Analyzed 10/11/24 23:49  Analyzed 10/11/24 15:16 10/11/24 15:16  Analyzed 10/11/24 15:16  Analyzed 10/11/24 17:36 10/10/24 17:36 10/10/24 17:36	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride	Result   <0.0132	Qualifier  Qualifier  ganics (DF Qualifier  Qualifier  tography Qualifier	(GRO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits 46-159  RL 100 0.100 0.500 1.00	MDL 0.580 1.30 MDL 50.0 0.0460 0.250 0.112	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<u>D</u>	Prepared  10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11	Analyzed 10/11/24 23:49  Analyzed 10/11/24 23:49  Analyzed 10/11/24 15:16 10/11/24 15:16  Analyzed 10/11/24 15:16  Analyzed 10/11/24 15:16  Analyzed 10/11/24 17:36 10/10/24 17:36 10/10/24 17:36 10/10/24 22:53	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride Orthophosphate as P Nitrate Nitrite as N	Result	Qualifier  Qualifier  ganics (DF Qualifier  Qualifier  tography Qualifier	(GRO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits 46-159  RL 100 0.100 0.500	MDL 0.580 1.30 MDL 50.0 0.0460 0.250 0.112	Unit mg/L mg/L mg/L mg/L mg/L mg/L	<u>D</u>	Prepared  10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11	Analyzed 10/11/24 23:49  Analyzed 10/11/24 23:49  Analyzed 10/11/24 15:16 10/11/24 15:16  Analyzed 10/11/24 15:16  Analyzed 10/11/24 17:36 10/10/24 17:36 10/10/24 17:36	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride Orthophosphate as P	Result	Qualifier  Qualifier  ganics (DF Qualifier  Qualifier  tography Qualifier  H	RCO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits 46-159  RL 100 0.100 0.500 1.00 10.0	MDL 0.580 1.30 MDL 50.0 0.0460 0.250 0.112 5.00	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<u>D</u>	Prepared  10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11	Analyzed 10/11/24 23:49  Analyzed 10/11/24 23:49  Analyzed 10/11/24 15:16 10/11/24 15:16  Analyzed 10/11/24 15:16  Analyzed 10/11/24 15:16  Analyzed 10/11/24 17:36 10/10/24 17:36 10/10/24 17:36 10/14/24 22:53 10/10/24 17:48	Dil Fa
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride Orthophosphate as P Nitrate Nitrite as N Sulfate	Result   <0.0132	Qualifier  Qualifier  ganics (DF Qualifier  Qualifier  tography Qualifier  H	RCO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits 46-159  RL 100 0.100 0.500 1.00 10.0	MDL 0.580 1.30 MDL 50.0 0.0460 0.250 0.112 5.00	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<u>D</u>	Prepared  10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11  Prepared	Analyzed 10/11/24 23:49  Analyzed 10/11/24 23:49  Analyzed 10/11/24 15:16 10/11/24 15:16  Analyzed 10/11/24 15:16  Analyzed 10/11/24 17:36 10/10/24 17:36 10/10/24 17:36 10/10/24 17:48  Analyzed  Analyzed	Dil Fa  Dil Fa  Dil Fa  20
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride Orthophosphate as P Nitrate Nitrite as N Sulfate  Method: SW846 6010B - Metal	Result   <0.0132	Qualifier  Qualifier  ganics (DF Qualifier  Qualifier  tography Qualifier  H	RCO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits 46-159  RL 100 0.100 0.500 1.00 10.0	MDL 0.580 1.30 MDL 50.0 0.0460 0.250 0.112 5.00	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<u>D</u>	Prepared  10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11  Prepared  10/11/24 10:02	Analyzed 10/11/24 23:49  Analyzed 10/11/24 23:49  Analyzed 10/11/24 15:16 10/11/24 15:16  Analyzed 10/11/24 15:16  Analyzed 10/11/24 17:36 10/10/24 17:36 10/10/24 17:36 10/10/24 17:48  Analyzed 10/14/24 29:53 10/10/24 17:48	Dil Fa  Dil Fa  Dil Fa  Dil Fa  20
Method: SW846 8015D - Gaso Analyte Gasoline Range Organics [C6 - C10]  Surrogate 4-Bromofluorobenzene (Surr)  Method: SW846 8015D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]  Surrogate Di-n-octyl phthalate (Surr)  Method: EPA 300.0 - Anions, I Analyte Chloride Fluoride Orthophosphate as P Nitrate Nitrite as N Sulfate  Method: SW846 6010B - Metal Analyte	Result	Qualifier  Qualifier  ganics (DF Qualifier  Qualifier  tography Qualifier  H	GRO) (GC) RL 0.0500  Limits 15-270  RO) (GC) RL 1.00 5.00  Limits 46-159  RL 100 0.100 0.500 1.00 10.0 erable RL	MDL 0.580 1.30 MDL 50.0 0.0460 0.250 0.112 5.00	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<u>D</u>	Prepared  10/11/24 11:11 10/11/24 11:11  Prepared 10/11/24 11:11  Prepared  10/11/24 10:02 10/11/24 10:02	Analyzed 10/11/24 23:49  Analyzed 10/11/24 23:49  Analyzed 10/11/24 15:16 10/11/24 15:16  Analyzed 10/11/24 15:16  Analyzed 10/11/24 17:36 10/10/24 17:36 10/10/24 17:36 10/10/24 17:48  Analyzed  Analyzed	Dil Fa  Dil Fa  Dil Fa  20

Eurofins Albuquerque

Client: Parkhill

Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Lab Sample ID: 885-13532-2

atrix:	Water	

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

Client Sample ID: VZ-6

Method: SW846 6010B - Metals Analyte		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 Rec	overable						
Analyte		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 - Mercu	ry (CVAA)								
Analyte		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

Job ID: 885-13532-1 Client: Parkhill

Project/Site: NDBL Vadose Sampling

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

MB MB

Lab Sample ID: MB 885-14587/5

Matrix: Water

Analysis Batch: 14587

Client Sample ID: Method Blank

Prep Type: Total/NA

-		
	10	9
	6	
		10

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 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
1.2.2 Triphlessesses	<0.160		2.00	0.160	ug/l			10/21/24 11:58	1





- 1	1,1,1-11loliloloculario					
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	
	Carbon tetrachloride	<0.175	1.00	0.175 ug/L	10/21/24 11:58 10/21/24 11:58	1
	Chlorobenzene	<0.458	1.00	0.458 ug/L		1
	Chloroethane	<0.377	2.00	0.377 ug/L	10/21/24 11:58 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 11:00	

Job ID: 885-13532-1 Client: Parkhill

Project/Site: NDBL Vadose Sampling

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

мв мв

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

Analysis Batch: 14587

Client Sample ID: Method Blank

Prep Type: Total/NA

10/21/24 11:58

10/21/24 11:58

10/21/24 11:58

10/21/24 11:58

1

1

Analyte	Result 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

< 0.204

< 0.159

< 0.320

< 0.374

	MB	MB				
Surrogate	%Recovery	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

1.00

1.00

1.00

1.50

0.204 ug/L

0.159 ug/L

0.320 ug/L

0.374 ug/L

Lab Sample ID: LCS 885-14587/4

Matrix: Water

Trichloroethene (TCE)

Trichlorofluoromethane

Vinyl chloride

Xylenes, Total

Analysis Batch: 14587

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

Section and Control (Control (	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate	%Recovery	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

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: VZ-5

Client Sample ID: VZ-5

Prep Type: Total/NA

Prep Type: Total/NA

### QC Sample Results

Job ID: 885-13532-1 Client: Parkhill

Project/Site: NDBL Vadose Sampling

Lab Sample ID: MB 885-14209/13

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

Matrix: Water

Analysis Batch: 14209

MB MB

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

MB MB

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

Lab Sample ID: LCS 885-14209/12

Matrix: Water

Analysis Batch: 14209

%Rec LCS LCS Spike Limits Added Result Qualifier Unit D %Rec Analyte 0.500 0.5054 70 - 130 mq/L

Gasoline Range Organics [C6 -

C10]

LCS LCS

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

Lab Sample ID: 885-13532-1 MS

Matrix: Water

Analysis Batch: 14209

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

C10]

MS MS

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

Lab Sample ID: 885-13532-1 MSD

Matrix: Water

Analysis Batch: 14209

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

C10]

MSD MSD

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

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

Matrix: Water

Client Sample ID: Method Blank Lab Sample ID: MB 885-14129/1-A Prep Type: Total/NA Prep Batch: 14129 Analysis Batch: 14128

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

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10/24/2024

Client Sample ID: Method Blank

### QC Sample Results

Job ID: 885-13532-1 Client: Parkhill

Project/Site: NDBL Vadose Sampling

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

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

Analysis Batch: 14128

Prep Type: Total/NA

Prep Batch: 14129

MB MB

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

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 885-14129/2-A Prep Type: Total/NA Matrix: Water

Prep Batch: 14129 Analysis Batch: 14128 Spike LCS LCS %Rec

Added Result Qualifier Unit Limits Analyte 2.50 2.278 ma/L 91 57 - 147 Diesel Range Organics

[C10-C28]

LCS LCS

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

Client Sample ID: VZ-6 Lab Sample ID: 885-13532-2 MS Prep Type: Total/NA Matrix: Water Prep Batch: 14129

Analysis Batch: 14128 Sample Sample Spike MS MS %Rec

Result Qualifier Added Result Qualifier Unit %Rec Limits Analyte 2.50 33 - 161 <0.580 2.410 mg/L Diesel Range Organics

[C10-C28]

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

MS MS

Client Sample ID: VZ-6 Lab Sample ID: 885-13532-2 MSD Prep Type: Total/NA

Matrix: Water

Analysis Batch: 14128

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

[C10-C28]

MSD MSD

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

### Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: Method Blank Lab Sample ID: MB 885-14184/4 Prep Type: Total/NA Matrix: Water

Analysis Batch: 14184

	MB	MB							
Analyte	Result	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

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Prep Batch: 14129

6

## QC Sample Results

Job ID: 885-13532-1 Client: Parkhill

Project/Site: NDBL Vadose Sampling

### Method: 300.0 - Anions, Ion Chromatography (Continued)

M

Analysis Batch: 141

_ab Sample ID: LCS 885-14184/5	Client Sample ID: Lab Control Sample
Matrix: Water	Prep Type: Total/NA
Analysis Ratch: 14184	

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

Client Sample ID: Lab Control Sample Lab Sample ID: MRL 885-14184/3 Prep Type: Total/NA Matrix: Water

Analysis Batch: 14184

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

Client Sample ID: Method Blank Lab Sample ID: MB 885-14185/9

Matrix: Water

Analysis Batch: 14185

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

Lab Sample ID: LCS 885-14185/10

Matrix: Water

Analysis Batch: 14185

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

Lab Sample ID: MRL 885-14185/8

Matrix: Water

Analysis Batch: 14185

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

Lab Sample ID: MB 885-14296/4

Matrix: Water

Analysis Batch: 14296

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

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

Lab Sample ID: LCS 885-14296/5

Prep Type: Total/NA Matrix: Water Analysis Batch: 14296 Spike LCS LCS %Rec Limits Added Result Qualifier Unit D %Rec Analyte 94 90 - 110 Chloride 5.00 4.692 mg/L 97 90 - 110 0.500 0.4853 mg/L Fluoride

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Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client Sample ID: Method Blank

Prep Type: Total/NA

## QC Sample Results

Job ID: 885-13532-1 Client: Parkhill

Project/Site: NDBL Vadose Sampling

### Method: 300.0 - Anions, Ion Chromatography (Continued)

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

Analysis Batch: 14296

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

Lab Sample ID: MRL 885-14296/3

Matrix: Water

Analysis Batch: 14296

▼ ************************************	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

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

Lab Sample ID: LCS 885-14297/5

Matrix: Water

Analysis Batch: 14297

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

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

Lab Sample ID: MB 885-14316/39

Matrix: Water

Analysis Batch: 14316

Allalysis Batch. 14310	мв	MB							
Analyte	Result	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

Sulfate

Matrix: Water Analysis Batch: 14316								Prep Type: To	otal/NA
Analysis Batom 14016	11.000000000000000000000000000000000000	MB				_	_		D!! Faa
Analyte	Result	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

0.500

0.250 mg/L

< 0.250

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10/14/24 14:39

10/24/2024

Client: Parkhill

Analysis Batch: 14316

Matrix: Water

Project/Site: NDBL Vadose Sampling

Lab Sample ID: LCS 885-14316/40

Method: 300.0 - Anions, Ion Chromatography (Continued)

Job ID: 885-13532-1

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

Prep Type: Total/NA

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	5.00	4.801	Almero de la la	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	

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

Client Sample ID: Lab Control Sample

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

Analysis Batch: 14316

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

Lab Sample ID: MRL 885-14316/3

Lab Sample ID: MB 885-14317/39

Matrix: Water

Analysis Batch: 14316

Analysis Batom 11010	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	0.500	0.5272		mg/L		105	50 - 150	manian Prisin
Fluoride	0.100	0.1009		mg/L		101	50 - 150	
Sulfate	0.500	0.5318		mg/L		106	50 - 150	

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

Client Sample ID: Lab Control Sample

Matrix: Water

Analysis Batch: 14317

MR MR

Analyte	Result C	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

/maryoro Datom From	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrate	2.50	2.548		mg/L		102	90 - 110	33
Nitrite	1.00	0.9365		mg/L		94	90 - 110	

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

Matrix: Water Analysis Batch: 14317

Lab Sample ID: MRL 885-14317/3

Analysis Baton. 14017	Spike	MRL ME	RL			%Rec	
Analyte	Added	Result Qu	ualifier Unit	D	%Rec	Limits	
Nitrate	0.100	0.1051	mg/L		105	50 - 150	
Nitrite	0.100	0.1032	mg/L		103	50 - 150	

Job ID: 885-13532-1 Client: Parkhill

Project/Site: NDBL Vadose Sampling

Method: 6010B - Metals (ICP)

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

Analysis Batch: 14218



	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Barium	0.00200	0.002123		mg/L		106	50 - 150	NER SHITTE
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

	MB	MB							
Analyte	Result	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

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

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MRL 885-14379/14

Matrix: Water

Analysis Batch: 14379

Client	Sample	ID:	Lab	Control Sample	)
			Dear	Tunos Total/NA	

Prep Type: Total/NA

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

Client: Parkhill Job ID: 885-13532-1

Project/Site: NDBL Vadose Sampling

Lab Sample ID: MRL 885-14379/14

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

Matrix: Water

Analysis Batch: 14379

 Analyte
 Added Selenium
 MRL MRL Qualifier
 Unit Unit Unit Unit Mg/L
 D %Rec Limits

 Selenium
 0.00100
 0.001159
 mg/L
 116
 70 - 130

Lab Sample ID: MRL 885-14422/9

Matrix: Water

Analysis Batch: 14422

The state of the	Spike	MRL	MRL				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%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

CONTRACT CONTRACTOR CONTRACTOR	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

мв мв

Analyte	Result	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

... ...

	MB	MB							
Analyte	Result	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	ma/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

Client Sample ID: Method Blank Prep Type: Total Recoverable

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 14118

Prep Batch: 14118

Prep Type: Total Recoverable

Prep Batch: 14118

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

Job ID: 885-13532-1 Client: Parkhill

Project/Site: NDBL Vadose Sampling

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

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 885-14118/3-A Prep Type: Total Recoverable Matrix: Water Analysis Batch: 14422 Prep Batch: 14118

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

Client Sample ID: VZ-5 Lab Sample ID: 885-13532-1 MS Prep Type: Total Recoverable Matrix: Water Prep Batch: 14118 Analysis Batch: 14519

Sample Sample Spike MS MS

oup.o		Opino						,	
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	entropy of the same
0.0171		0.0500	0.06264		mg/L		91	75 - 125	
< 0.00600		0.0500	0.05566		mg/L		111	75 - 125	
<0.00800		0.0500	0.05126		mg/L		103	75 - 125	
	0.0171 <0.00600	<0.00600	Result Qualifier   Added     0.0171   0.0500	Result 0.0171         Added 0.0500         Result 0.06264           <0.00600	Result   Qualifier   Added   Result   Qualifier	Result   Qualifier   Added   Result   Qualifier   Unit   mg/L	Result   Qualifier   Added   Result   Qualifier   Unit   D	Result         Qualifier         Added         Result         Qualifier         Unit         D         %Rec           0.0171         0.0500         0.06264         mg/L         91           <0.00600	Result         Qualifier         Added         Result         Qualifier         Unit         D         %Rec         Limits           0.0171         0.0500         0.06264         mg/L         91         75 - 125           <0.00600

Client Sample ID: VZ-5 Lab Sample ID: 885-13532-1 MSD Prep Type: Total Recoverable Matrix: Water

Prep Batch: 14118 Analysis Batch: 14519 MSD MSD %Rec RPD Spike Sample Sample Limits RPD Limit Result Qualifier Added Result Qualifier Unit D %Rec Analyte 0.0171 0.0500 0.06504 mg/L 96 75 - 125 4 20

Arsenic 20 < 0.00600 0.0500 0.05460 mg/L 109 75 - 125 2 Lead mg/L 20 <0.00800 0.0500 0.05195 104 75 - 125 Selenium

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

Prep Batch: 14409 Analysis Batch: 14519

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

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

Client Sample ID: Lab Control Sample Lab Sample ID: MRL 885-14252/9-A Prep Type: Total/NA Matrix: Water Prep Batch: 14252 Analysis Batch: 14405 Spike MRL MRL %Rec Result Qualifier Added Unit %Rec Limits Analyte

0.000150 50 - 150 Mercury < 0.000122 mg/L Lab Sample ID: MB 885-14255/1-A Client Sample ID: Method Blank

Prep Type: Total/NA Matrix: Water Prep Batch: 14255 Analysis Batch: 14405

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

Client: Parkhill Job ID: 885-13532-1

Project/Site: NDBL Vadose Sampling

Total Dissolved Solids

**Total Dissolved Solids** 

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
 Added Mercury
 Result 0.00500
 Qualifier 0.004875
 Unit mg/L
 D %Rec bimits
 Limits

Lab Sample ID: LLCS 885-14255/2-A

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

Prep Type: Total/NA

Prep Batch: 14255 Analysis Batch: 14405 LLCS LLCS %Rec Spike Added Result Qualifier Unit %Rec Limits Analyte 0.000150 0.0001386 J mg/L 92 50 - 150 Mercury

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

MB MB
Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

Lab Sample ID: LCS 885-14268/2

Matrix: Water

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

1008

50.0

25.0 mg/L

mg/L

1000

<25.0

Eurofins Albuquerque

10/14/24 16:00

80 - 120

101

# **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	

Job ID: 885-13532-1

# **QC Association Summary**

Client: Parkhill

Project/Site: NDBL Vadose Sampling

### HPLC/IC (Continued)

Analysis Batch: 14185 (Continued	Ana	ysis	Batch:	14185	(Continued
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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	Δ	nalvsis	Batch:	14218	(Continued
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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

The season of more			945-20-747-200F	\$2500 WAR SPORE	E2000000000000000000000000000000000000
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	

# 7

### 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 Job ID: 885-13532-1

Project/Site: NDBL Vadose Sampling

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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260B		1	14587	JR	<b>EET ALB</b>	10/21/24 13:20
Total/NA	Analysis	8015D		1	14209	JP	<b>EET ALB</b>	10/11/24 22:39
Total/NA	Prep	3511			14129	DH	<b>EET ALB</b>	10/11/24 11:11
Total/NA	Analysis	8015D		1	14128	EM	<b>EET ALB</b>	10/11/24 15:03
Total/NA	Analysis	300.0		1	14184	RC	<b>EET ALB</b>	10/10/24 17:11
Total/NA	Analysis	300.0		1	14185	RC	<b>EET ALB</b>	10/10/24 17:11
Total/NA	Analysis	300.0		5	14317	RC	<b>EET ALB</b>	10/14/24 22:41
Total Recoverable	Prep	3005A			14118	JE	<b>EET ALB</b>	10/11/24 10:02
Total Recoverable	Analysis	6010B		1	14218	VP	<b>EET ALB</b>	10/14/24 09:28
Total Recoverable	Prep	3005A			14118	JE	<b>EET ALB</b>	10/11/24 10:02
Total Recoverable	Analysis	6010B		10	14218	VP	<b>EET ALB</b>	10/14/24 09:31
Total Recoverable	Prep	3005A			14118	JE	<b>EET ALB</b>	10/11/24 10:02
Total Recoverable	Analysis	6020A		10	14519	BV	<b>EET ALB</b>	10/17/24 12:03
Total/NA	Prep	7470A			14255	JR	<b>EET ALB</b>	10/14/24 13:17
Total/NA	Analysis	7470A		1	14405	JR	<b>EET ALB</b>	10/15/24 17:31
Total/NA	Analysis	2540C		1	14268	KB	EETALB	10/14/24 16:00
Total/NA	Analysis	SM 2510B		1	14386	KB	<b>EET ALB</b>	10/15/24 16:41
Total/NA	Analysis	SM 4500 H+ B		1	14387	KB	EETALB	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			14587	JR	EETALB	10/21/24 13:48
Total/NA	Analysis	8015D		1	14209	JP	<b>EET ALB</b>	10/11/24 23:49
Total/NA	Prep	3511			14129	DH	<b>EET ALB</b>	10/11/24 11:11
Total/NA	Analysis	8015D		1	14128	EM	<b>EET ALB</b>	10/11/24 15:16
Total/NA	Analysis	300.0		200	14296	RC	<b>EET ALB</b>	10/15/24 17:08
Total/NA	Analysis	300.0		1	14184	RC	<b>EET ALB</b>	10/10/24 17:36
Total/NA	Analysis	300.0		1	14185	RC	<b>EET ALB</b>	10/10/24 17:36
Total/NA	Analysis	300.0		20	14184	RC	<b>EET ALB</b>	10/10/24 17:48
Total/NA	Analysis	300.0		5	14317	RC	<b>EET ALB</b>	10/14/24 22:53
Total Recoverable	Prep	3005A			14118	JE	<b>EET ALB</b>	10/11/24 10:02
Total Recoverable	Analysis	6010B		1	14218	VP	<b>EET ALB</b>	10/14/24 09:33
Total Recoverable	Prep	3005A			14118	JE	<b>EET ALB</b>	10/11/24 10:02
Total Recoverable	Analysis	6010B		10	14218	VP	<b>EET ALB</b>	10/14/24 09:35
Total Recoverable	Prep	3005A			14118	JE	<b>EET ALB</b>	10/11/24 10:02
Total Recoverable	Analysis	6020A		10	14422	BV	<b>EET ALB</b>	10/16/24 13:01
Total/NA	Prep	7470A			14255	JR	<b>EET ALB</b>	10/14/24 13:17
Total/NA	Analysis	7470A		1	14405	JR	<b>EET ALB</b>	10/15/24 17:33
Total/NA	Analysis	2540C		1	14268	KB	<b>EET ALB</b>	10/14/24 16:00
Total/NA	Analysis	SM 2510B		1	14386	KB	<b>EET ALB</b>	10/15/24 16:45

### Lab Chronicle

Client: Parkhill

Project/Site: NDBL Vadose Sampling

Job ID: 885-13532-1

Client Sample ID: VZ-6 Lab Sample ID: 885-13532-2

Matrix: Water

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

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

Laboratory References:

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

8

(2)



Job ID: 885-13532-1

# **Accreditation/Certification Summary**

Client: Parkhill

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	does not offer certification 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
5010B	3005A	Water	Cadmium
5010B	3005A	Water	Calcium
5010B	3005A	Water	Chromium
5010B	3005A	Water	Iron
5010B	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	Page 10 (Address)	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**

Job ID: 885-13532-1 Client: Parkhill

Project/Site: NDBL Vadose Sampling

Laboratory: Eurofins Albuquerque (Continued)
Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

hority	Progr	am	Identification Number Expiration Date
2015 - 1 시간 : * " [일시기 : [100 201 ] 이 가는 시구 * (100 201 201 201 201 201 201 201 201 201	s are included in this repo		not certified by the governing authority. This list may include analyte
Analysis Method	Prep Method	Matrix	Analyte
8260B	Trop metrics	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
		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B 8260B		Water	Naphthalene
		Water	
8260B		Water	n-Butylbenzene
8260B			N-Propylbenzene sec-Butylbenzene
8260B		Water Water	Styrene
8260B			
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	рН
gon	NELA	P	NM100001 02-26-25

HALL ENVIRONM BEST ANALYSIS LABOR	www.hallenvironmental.com 865-13532 coc 4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	DOIWS OWNS OWNS	ides/8082 bd 504.1) 10 or 8270 13s, NO <sub>21</sub> (2266)	BTEX / MTI TPH:8015D( 8081 Pestic BOB1 (Metho PAHs by 83 RCRA 8 Me RCA (VOA) RCRA 8 Me RCRA 9 Me	×	X			Time: Relinquished by:    Received by:   Alexand   Alexand   Alexander     1324   13,24   13,24   13,24   15,1
Turn-Around Time:  ☑/ Standard □ Rush	NOBL Vebse Sampling	Project #: 47,881,24	Project Manager:	Sampler: Halt Chirts/4 Andy July July July July July July July Jul	Cooler Templineuding cp: 2,0-6,3-1,7 (°C)  NUN Nights Hood No. Container Preservative HEAL No. Type and # Type		2 2 1 1 8			Received by: Via: Date Time Received by: Via:
	333 Pm Lengtho Bluff, NE #406 Mailing Address: Ris Roudho, NM 87124	771 100 100	ychas @parlchill, com	n: ☐ Az Compliance ☐ Other	Time Matrix Sample Name	5 40 12-5	1145	3		Date: Time: Relinquished by:  (324)  Date: Time: Relinquished by:  Relinquished by:

# 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 Chem	nicals
Fluoride, F	300.0
Chloride, Cl	300.0
Nitrate as N, NO <sub>3</sub> -N	300.0
Phosphate, PO <sub>4</sub> <sup>2</sup>	300.0
Sulfate, SO <sub>4</sub> <sup>2-</sup>	300.0
Physical Paramete	ers
Specific Conductance	SM 2510B
Total Dissolved Solids, TDS	SM 2540C
рН	SM 4500-H+B
Organic Paramete	rs
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

\\projects-dfs\\projects\2024\42881.24\03\_DSGN\03\_REPT\02\_VZM\02\_OCTOBER\_2024\OWL Approved Parameter List\_2024.xlsx\PdV Lab List

# Login Sample Receipt Checklist

Job Number: 885-13532-1

Client: Parkhill

Login Number: 13532 List So

List Number: 1

Creator: Casarrubias, Tracy

List Source: E	ırofins Albuquerque
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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

Vadose Zone Well Vapor Monitoring Form

**OWL Landfill Services, LLC** 

5619 Date 10/8/24

**Monitoring Personnel** 

Weather Information Date, Amount of Last Precipitation:

Temp: 59

Wind Speed: Calm Wind Direction: inches mercury (Hg)

Barometric Pressure: 3003

Weather Conditions: clear, cost

Casing Diameter Casing Vol/ft 2-inch 0.0218 ft3/ft

0.0873 ft3/ft 4-inch

Casing Volume (ft<sup>3</sup>) = Radius (ft)<sup>2</sup> x  $\pi$  x TD (ft)

Calculated Casinng Volume

**Equipment Information** 

Monitoring Equipment Used: Land TEC GEN 5000 Date and Time Last Calibrated: 10/8/24; 0730

		Total Well	2.54	Purge	Elapsod		Well Vapor N	Measurement	s	
Well I.D.	Well Diameter (inches)	Depth (ftbtoc)	Casing Volume (ft <sup>3</sup> )	Start Time	Purge Time (min)	Oxygen (%)	Carbon Dioxide (%)	Methane (%)	Hydrogen Sulfide Gas (%)	Comments
AMB		_	<b> </b> -	2	_	20.5	0.1	0.0	)	AMB O
VZ-9	Z"	50,30	-	0758	300	20.8	0.1	0.0	1	DRY
YZ-10	2"	52,30	_	0811	300	19.9	0.9	0.0	(	DRY
1/2-8	24	37.60		0825	300	20.6	0,1	0.0	- 1	37,497
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	434 MW
VZY	2"	50.50	-	10/0	310	20.0	0,4	0.0	3	48.14
YZ-3	7"	42,09	-	1026	300	19.6	0.7	0.0	Z	Dry
VZ-2	2"	43.99		1036	300	70.0	0.4	0,0	3	Dry
VZ-1	24	51.23		1050	300	20.5	0.1	0.0	3	Dy
112-6	マツ	62.10		1113	300	19.9	1. 0	0.0	4	56.00
AMB			_	_		21.1	00	0.0	3	HUB (

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

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

	Dist.														
Station	(mi) 1	P.O.R.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	ANN.
Jal Co-op Station (294346) <sup>3</sup>	26.75	1981-2010	0.48	0.54	0.55	0.78	1.56	1.62	2.09	1.92	2.14	1.30	99.0	0.54	14.18
Ochoa Co-op Station (296281) <sup>3</sup>	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) <sup>3</sup>	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) <sup>4</sup>	17.71	17.71 10/23 to 09/24	0.38	0.46	0.12	0.17	0.94	0.11	00:0	00.0	0.00	1.51	0.28	0.47	4.44
Red Hills PWS (KNMJAL7)4	2.22	2.22 10/23 to 09/24	0.12	0.21	0.00	0.00	0.00	09:0	0.85	0.36	1.43	1.37	0.49	0.22	4.28
														2	

P.O.R.: Period of Record

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

?. "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)

\*: 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

	199			Page of
Date	1/26/2024	_	Inspector(s):	
Time	1 hoan		FALIZA	
				W
Weather	•		**************************************	
Temperatur	7.	deg. F	Precipitation (last 24 hou	rs)inches
	cloudy	_deg. P	Frecipitation (last 24 hou	is) inches
	. –	-		
Wind Speed	55.5	_mph		
Wind Direction	WEST	_(direction blowing from)		
	ency has been noted. "P" in iptions of Deficiencies, Pho			
	T	Pond Condition	Item	
Location	Erosion	Vegetation Established	Vectors	Sample
Poned	MONE	NONE	Nont	N/A
•				
			1	
		Leak Detection System		
		Def	liciency	
	Riser#	Depth of H <sub>2</sub> O	Structural Defect	
	Cell 1	NONE	MONE	
	Ctilz	Noile	NONE	
	CE11 3	Nonet	HONE	(• )
	CE114	NONE	MONE	
	CEILS	MONE	MONE	
₽ €	PAd	Nonce	None	J
NOTES:	portel	Nemet	NONE	1

P.VFILES\560.01.02/PermitApp\Volume invit.8-Leachate\til.8-Origina\til.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:	2/29 204 200 AM		Inspector(s):	
Time:	DO AM		FALLAN	
, Time.				
Weather:	·			
Temperature	47	deg. F	Precipitation (last 24 hours)	inches
Skies	Cloudy Rany			
Wind Speed		mph		
Wind Direction	South	(direction blowing from)		
NOTES: "X" indicates that a Deficie collected. Complete descri Location.	ency has been noted. "P" ind iptions of Deficiencies, Photo	licates that a Photograph h ographs, and Samples are p Pond Condition	nas been taken. "S" indicates to provided on attached pages. It	hat a Sample has been ems are referenced by
Y		1	tem	
Location	Erosion	Vegetation Established	Vectors	Sample
Brel	~			MONE
		*()		
		talle yes eller		
		Leak Detection System		
	Riser#	Depth of	Structural	
	Riser#	H <sub>2</sub> O	Defect	
	Pored	LONE	None	
	PAd	NONE	NONE	
	CE11 1	16us	NO45	
	Cell 2	MOHE	Wile	
	Ce1/3	MONE	None	
, A	CE1/4	MONE	HONEE	
NOTES:	cu15 1	Norte	LLONEE /	

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

				Page of
<u>Date:</u>	3/13/204	<u>(</u>	Inspector(s):	
Time:		_	Falsire	
Weather:			(*)	
Temperature	5.3	deg. F	Precipitation (last 24 hour	s) inches
la terresona de deservación de dese	Cloudy			
	mild	mph		
Wind Direction		(direction blowing from)		
Location.	prioris of Deficiencies, Pro	Pond Condition	provided on attached pages. Item	nems are rejerencea by
Location	Erosion	Vegetation Established	Vectors	Sample
Poned	Nonet	Nout	House	Novet
9		Leak Detection System		
	Riser#	Depth of	ficiency Structural	-
		H <sub>2</sub> O	Defect	_
	Cell	Mode	MONE	
	CB11 2	NONE	NOUT	
	CB11 3	None	NONE	
	CE114	NONE	Nove	
	CEII 5	Maye	Nove	
	Paral	Mal	None	
NOTES:	PAd.	1 NOHE	NONE	

P:VFILES\560.01.02\PermitAppl\Volume IIVI.8-Leachate\II.8-Origina\text{NOWL-II.8-Att II.8.8-PondLeakImpect\_Feb:2016}

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

				Page of
<u>Dat</u> <u>Tim</u>	((000)	-	Inspector(s): Fal. and Fa	
	,			511.150.150.150.150.150.150.150.150.150.
Weathe	E \$0	28 4993	#270 80Exp000g 9725 75555950g 88	
Temperatu	s woult	_deg. F	Precipitation (last 24 hours) _	inche
Ski	es would	<u> </u>		
Wind Spee	ed	_mph		
Wind Direction	on Southers-	(direction blowing from)		
cted. Complete desc tion.	riptions of Deficiencies, Pho	Pond Condition	provided on attached pages. Ite	ems are referenced by
			tem	
Location	Erosion	Vegetation Established	Vectors	Sample
Location	Erosion	Vegetation		Sample
Location	Erosion	Vegetation Established		
Location	Erosion	Vegetation Established  Leak Detection System Defi	Vectors	
Location	Riser #	Leak Detection System Depth of	Vectors	
Location		Vegetation Established  Leak Detection System Defi	ciency	
Location	Riser #	Leak Detection System Defi Depth of H2O	ciency Structural Defect	
Location	Riser#  CE/// CE// 2	Leak Detection System Defi Depth of H <sub>2</sub> O	Structural Defect Aloute Norte	
Location	Riser#  CE!// CE!/2  CE!/3	Leak Detection System Defi Depth of H2O	Ciency Structural Defect ROME	
Location	Riser#  CE!!/  CE!/2  CE!/3  CE!/4	Leak Detection System Defi Depth of H2O Norte Norte	Structural Defect NONE NONE NONE NONE NONE NONE NONE NON	
Location	Riser#  CE!// CE!/2  CE!/3	Leak Detection System  Depth of H2O  Lockt  Horkt  Horkt  Horkt	Structural Defect RONGE NONE NONE NONE	

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

				Page of
Date	WAX 30 2024	-	Inspector(s):	
Time	: NAX 30 ZOZY	<u>.</u>	FALIAM-	
71			<u> </u>	
Weather	ı.			
Temperature	95+	deg. F	Precipitation (last 24 hour	rs) inches
	Cloudy	_3		
	1 13 mg h			
	south			
	ency has been noted. "P" in iptions of Deficiencies, Phot	ographs, and Samples are p Pond Condition	provided on attached pages	
Location		Vegetation	tem	7
	Erosion	Established	Vectors	Sample
Pond 1	None	NONE	L	None
		Leak Detection System		
	Riser#	Depth of	iciency Structural	-
	Alsei #	H <sub>2</sub> O	Defect	_
	cell 1	MONE	MONE	
	CE11 2	NOHE	NONE	_
	CEIL 3	Monte	MONE	_
	CE11 4	MONE	Nonet	_
	CEII S	NOME	MONE	_
	Pontd	HOLLE	MONE	
NOTES:	PAd	MONE	Nove	1

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

				Page of
<u>Date</u>	June 28 2024		Inspector(s):	
Time	: S:00 A.m.		FASIAN	
			*	
Weather	_			
Temperature	· 90	deg. F	Precipitation (last 24 hours)	inche
Skie	s Clear			
Wind Speed	1_17	mph		
Wind Direction	n South	(direction blowing frem)		
ocation.		POND CONDITION	Item	
			item	
Location		Vegetation		
Location	Erosion	Vegetation Established	Vectors	Sample
Location Portd	Erosion NOME		Vectors	Sample
		Established	<b>-</b>	
		Established	<b>-</b>	
	HOME	Established	NONE	
	HOME	Established  NONE  AK DETECTION SYS' Det	NONE  TEM  ficiency	
	HOME	Established  NONE  AK DETECTION SYS  Det  Depth of	NONE	
	HOME	Established  NONE  AK DETECTION SYS' Det	TEM Structural	
	NOME  LE  Riser#  Pond	AK DETECTION SYS  Depth of  H <sub>2</sub> O	TEM ficiency Structural Defect	
	NOME  LE  Riser#	AK DETECTION SYS' Depth of H2O	TEM ficiency Structural Defect Nott	
	NOME  LE  Riser#  Pond  Ctll 1	Established  NONE  AK DETECTION SYS'  Depth of  H <sub>2</sub> O   W	TEM ficiency Structural Defect Nott Nome	
	Riser# Pond Ctll / Otl/ 2Ab CEll 3 CEll 4	AK DETECTION SYS'  Detection of H2O  O  O  O  O  O  O  O  O  O  O  O  O	TEM ficiency Structural Defect Nott Note Note	
	Riser# Pond Ct// 2Ab CE// 3	Established  NONE  AK DETECTION SYST  Det  Depth of  H2O  O  O  O  O  O  O  O  O  O  O  O  O	TEM ficiency Structural Defect Nott NONE NONE NONE NONE	

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

				Page of
Date	: 7/24/2024 :: 1:30 pm		Inspector(s):	
Time	1:30 pm		FABIAH	
	-			
Weather	<u>r:</u>			
Temperatur	re93°d	eg. F	Precipitation (last 24 hours	)inches
	es Clear sleas			
		ıph		
	on South west (	-		
wind Direction	11 <u>30049 West</u> (6	arection blowing jie m)		
NOTES: "X" indicates that a Defic collected. Complete desc Location.	ciency has been noted. "P" indicriptions of Deficiencies, Photog	cates that a Photograph graphs, and Samples ar	h has been taken. "S" indicate. e provided on attached pages.	s that a Sample has been Items are referenced by
	T	POND CONDITION	I Item	
Location	Erosion	Vegetation Established	Vectors	Sample
Poncl	V	Established	V	MONE
7 Diggi				
	I P	AK DETECTION SYS	etem.	
		Do	eficiency	]
	Riser #	Depth of H <sub>2</sub> O	Structural Defect	
	CELLI	0	Nont	
	CEII 2 46	D	NONE	
	CEIL 3	0	MONE	
	CEIL 4	Ø	NONE	
	CEIL S	Ø	MONE	
	pald	Ø	HOME	
NOTES:	Drying pad	Ø	None	
and the second s				

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

				Page	of
<u>Date:</u>	1	$\neq$	Inspector(s):		
Time:	10.14 an	-	-rab	-	
Weather:					
Temperature	74	_deg. F	Precipitation (last 24 hours)		inches
Skies	Clarke	-			
Wind Speed	1075	_mph			
Wind Direction	ME	_(direction blowing from)			
NOTES: "X" indicates that a Deficie collected. Complete descri Location.	ency has been noted. "P" in options of Deficiencies, Pho	tographs, and Samples are	has been taken. "S" indicates provided on attached pages. I	that a Sample h tems are refere	as been nced by
			Item		
Location	Erosion	Vegetation Established	Vectors	Samp	ole
Pond	Noule	Nont	Nonte	MA	
-					
	<del></del>	Leak Detection System			
	Riser #	Depth of	ficiency Structural		
		H <sub>2</sub> O	Defect		
	CE// /	Ø	Nout		
	60112	8	NONE		
	25/13	B	NAME		
	CEIL Y	8	Nort		
	CEILS	Ø	Nonet		
	Portd	0	Nort.		
NOTES:	DP	8	Ware 1		
	`	·		···	

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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	-	Inspector(s):	
Time:	2.05pm	3	FABRU	
ū.			<del></del>	
Weather:	, 0-			
Temperature		_deg. F	Precipitation (last 24 hours)	inches
Skies	Clear -	-		
Wind Speed	9	_mph		
Wind Direction	North	(direction blowing from)		
			has been taken. "S" indicates ti provided on attached pages. It	
			item	
Location	Erosion	Vegetation Established	Vectors	Sample
Pond			V	HONE
		<u> </u>		
		<del> </del>		
		Leak Detection System		
	Riser#	Depth of	iciency Structural	
		H <sub>2</sub> O	Defect	
	CELLIAB	0	NOVE	
	CEI 12Ab	0	Nont	
	CE1/3	0	NONE	
	(E114	8	NONE	
	CELL 5	0	HOHE	
	pend,	0	North	
NOTES: /	PAd 1	0/	NONE NONE NONE NONE	

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

				Page of
Date	: 10/30/024		Inspector(s):	
Time	2:00	_	FAL	
		•	2	
Weather	:			3750000
Temperature		deg. F	Precipitation (last 24 hours)	inches
350	es 900d	ace. I	1 recipitation (not 2 1 notal)	
	, , ,	es Linux		
Wind Speed	323	mph		
Wind Direction	n South	(direction blowing from)		
	iency has been noted. "P" inc riptions of Deficiencies, Photo	ographs, and Samples are p	provided on attached pages.	
Location		Vegetation I	item	
Location	Erosion	Established	Vectors	Sample
Pond 1	HONE	Noveto	None	NA
			1	
		Leak Detection System		
	Riser#	Def Depth of	iciency Structural	
		Def Depth of H₂O	Structural Defect	
	CEIII	Def Depth of	Structural Defect	
	CE	Def Depth of H₂O	Structural Defect Nowle	
	CEIII	Def Depth of H₂O	Structural Defect Nonte Nonte	
	CE   2 CE   3 CE   4	Depth of H <sub>2</sub> O	Structural Defect  Nonte  Nonte  Nonte  Nonte	
	CE	Def Depth of H₂O	Structural Defect  Nonte  Nonte  Nonte  Nonte  Nonte	
NOTES:	CE   2 CE   3 CE   4	Depth of H <sub>2</sub> O	Structural Defect  Nonte  Nonte  Nonte  Nonte	

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

				Page of
Dat	e: 11/29/2024		Inspector(s):	
<u>Tim</u>	e: 1200 pm		FALLAN	
-				
Weathe				
Temperatu	130	deg. F	Precipitation (last 24 hours)	inches
1973	es Clear		en antico en Estador de en Novembro de Caracido de Car	(10 K) 20 S S S S S S S S S S S S S S S S S S
	0 1	mph		
	. /	(direction blowing from)		
Willd Direction	on North	airection blowing from)		
NOTES: "X" indicates that a Defice collected. Complete description.	ciency has been noted. "P" ind criptions of Deficiencies, Photo	icates that a Photograph graphs, and Samples are	has been taken. "S" indicates provided on attached pages.	that a Sample has been Items are referenced by
		Pond Condition	Item	
Location	Erosion	Vegetation	Vectors	Sample
Pond		Established	1/2/11-	A
FORM	NONE	NONE	NOLLE	
	<del>                                     </del>			
		****		
	,			
		New Secretary Will April 1990		
		Leak Detection System De	n eficiency	1
	Riser#	Depth of H <sub>2</sub> O	Structural Defect	
	Pond	6	LONE	
	CEIL LAB	D.	North	
	CEll ZAB	D	NONE	
	Ctll 3	2	NONE	
	CELLY	D	NONE None E None E	
	CELLS	Ø	Nonet	ļ
NOTES:	DP	Ø	HONE	

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

				2000000
				Page of
Da	e: 12/27/2024		Inspector(s):	
Tim	e: 12:30 pr	3	FAbian	
	· ·			
Weathe	Total Control of the			No.
Temperatu	re65°	_deg. F	Precipitation (last 24 hours	inche
Sk	es Ura	_		
Wind Spe	ed	_mph		
Wind Directi	on Soffwer	_(direction blowing from)		
	ciency has been noted. "P" in criptions of Deficiencies, Phot	tographs, and Samples are p		
			tem	
Location	PI	Vegetation		Camala
Location	Erosion		Vectors	Sample
Location Forted	Erosion	Vegetation		Sample N/A
0 /	<del></del>	Vegetation Established	Vectors	Sample  N/A
0 1	<del></del>	Vegetation Established  No. 455  Leak Detection System	Vectors  Nove	Sample  N/A
0 /	Nonets	Vegetation Established  Notes  Leak Detection System Def	Vectors  Nove	Sample  N/A
0 /	<del></del>	Vegetation Established  No. 455  Leak Detection System	Vectors  Nove	Sample  N/A
0 1	Riser#	Vegetation Established  Not file  Leak Detection System  Def  Depth of	Vectors  Nove	Sample  N/A
0 1	Riser# Pond Ctil /ab	Leak Detection System  Def  Depth of  H <sub>2</sub> O	Vectors  NONE  Structural Defect  NONE  HONE	Sample  N/A
0 1	Riser#	Leak Detection System  Def  Depth of  H <sub>2</sub> O	Vectors  Nove  Nove  Structural Defect  Nove  Nove	Sample  N/A
0 1	Riser# Pond Ct/ /ab Ct// 3	Leak Detection System  Def  Depth of  H <sub>2</sub> O	Vectors  NONE  Structural Defect  NONE  NONE  NONE  NONE  NONE  NONE	Sample  N/A
0 1	Riser#  Pond C#1/146 C#1/206 C#1/3 C#1/4	Leak Detection System  Def  Depth of  H <sub>2</sub> O	Vectors  NONE  Structural Defect  NONE  NONE  NONE  NONE  NONE  NONE	Sample  N/A
0 1	Riser# Pond C#1/146 C#1/246 C#1/3	Leak Detection System  Def  Depth of  H <sub>2</sub> O	Vectors  Nove  Nove  Structural Defect  Nove  Nove	Sample  N/A

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

thers:	Signat	Name:ure:		
MEN.		5	HAMP DESCRIPTS	
CONSTRUENCE CONTRACTOR OF CONT	pection will be in accordance			
em		Satisfactory	Action Required	
strance Sign				
rms and outside pond levees	1			
nk Labels		/		
mps				
nd levels three-foot free boa	rd			
e oil on Pits-Ponds			<u> </u>	
and Pond condition				
and Pond marker numbers				
eatment Plant inspection				
olid waste disposal area inspe	ection			
owing trash			(reso Picted up-	Tuash
ences and Gates		/		***************************************
eak detection sumps - Landfi		/		
	ration Ponds - Liquid present	1?		
eak detection sumps - Drying		-		
andfill Leachate Sump		1		i.e.
roundwater Monitoring		/	PONE BY PS/	
ond Sludge Depth		,		
omments & Repairs:	Couch WEEK & This UP WE STREET PORT WING RETO BE TAKEN 4 FT I	Wed Able Well Digny HISMAN The S	a get Thomas thous	accello
comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	acception were
Comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	dragelle accelle mene water comment
Comments & Repairs:	14 40 WD 42E	west able		acello mene water when water water
Comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	acelli mene wak, weter No G
Comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	dog lowelle mene s work return No fo
Comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	do l ord accles mene s wask cetim No fo
Comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	do l ordinance mene s work retime
Comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	diode accelling mene work return
Comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	diosella accilia mene s wask return
Comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	diosella mene was was retor
Comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	diosella mene was was estra Note
Comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	diosella mene was was come
Comments & Repairs: Self For Ze & Cooperation Pond (readings POND  1 2 3 4 5 6 7 8 9	14 40 WD 42E	west able	a get Thomas thous	diosella mene wake wake
Comments & Repairs:	14 40 WD 42E	west able	a get Thomas thous	diosella accilianene wak wak vetan
POND  1  2  3  4  5  6  7  8  9  10  11  12  10  11  12  11  11  12  11  12  11  12  11  12  11  12  11  12  11  12  11  12  11  12  11  12  11  12  11  12  11  12  11  12  11  12  12  12  14  15  16  17  18  19  10  11  11  12  11  12  11  12  11  12  11  12  12  14  15  16  17  18  19  10  11  10  11  11  12  11  12  11  12  12	in ppm):  10 ppm is registered at the French of the Pond. If H <sub>2</sub> S le	Decit Prymy H2SVH4 Prymy H2SVH4 Prom E	a get Thomas thous	I.
POND  1  2  3  4  5  6  7  8  9  10  11  12  11  12  11  12  11  12  11  12  12  13  14  15  16  17  18  19  10  11  12  11  12  11  12  12  13  14  15  16  17  18  19  10  11  12  11  12  12  13  14  15  16  17  18  19  10  11  12  11  12  11  12  12  13  14  15  16  17  18  19  10  11  12  11  12  11  12  11  12  11  12  11  12  11  12  12  13  14  15  16  17  18  19  10  10  11  11  12  11  12  11  12  11  12  11  12  11  12  11  12  11  12  11  12  11  12  12  13  14  15  16  17  18  19  10  10  11  11  12  11  12  11  12  11  12  12  13  14  15  16  17  18  19  10  10  11  11  12  11  12  11  12  11  12  12  13  14  15  16  17  18  18  18  18  18  18  18  18  18	in ppm):  10 ppm is registered at the French of the Pond. If H <sub>2</sub> S le	Decit Prymy H2SVH4 Prymy H2SVH4 Prom E	Pack S GOD & ING.  Pack S GOD &	Ī
POND  1  2  3  4  5  6  7  8  9  10  11  12  10  11  12  11  12  10  11  12  10  11  12  11  12  11  12  11  12  12	in ppm):  10 ppm is registered at the French of the Pond. If H <sub>2</sub> S le	Cownwind From E	And S good of the Property of	Ī
POND  1  2  3  4  5  6  7  8  9  10  11  12  11  12  10  11  12  10  11  12  10  11  10  10  11  10  10  11  10  10  10  10  11  10  1	in ppm):  10 ppm is registered at the Fnwind of the Pond. If H <sub>2</sub> S le	Eacility, personnel will every reach 20 ppm, the F	And S good of the Property of	Ī

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

Date: 2/29/20	24 Print Na	me:		
Others:	Signatur	re;		
Insp	pection will be in accordance w	vith NMOCD operationa	l conditions.	
Item		Satisfactory	Action Required	
Entrance Sign	TO 150 (150 (150 (150 (150 (150 (150 (150	7		-
Berms and outside pond levees				
Tank Labels				_
Sumps	of the control of the			
Pond levels three-foot free boa	rd			
Free oil on Pits-Ponds				
Pit and Pond condition				
Pit and Pond marker numbers				
Treatment Plant inspection			Worky One New Boby	9-
Solid waste disposal area inspe	ection			
Blowing trash		V V	GOOD But Needs AMAHE	al nachons
Fences and Gates				7'
Leak detection sumps - Landfi				
Leak detection sumps - Evapor				
Leak detection sumps - Drying	Pad - Liquid present?			
Landfill Leachate Sump				
Groundwater Monitoring		•	Donle By PSC	
Pond Sludge Depth		,		
*Comments & Repairs:			ragging withe A	Couple
Matterfalace & world	Here New Progry	Agr. Still HAD	E Equipment 15 Suis	Abec
	RE TO BE TAKEN 4 FT DO			
KEADINGS A	RE TO BE TAKEN 411 BO	WINNIND PROMES	AI ORATION FONDS	
<b>Evaporation Pond (readings</b>	in ppm):	11 0	11	
POND	D 7128	No Birds my	Parl MoH20;	45547
1				Ollediar 1
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
*In the event that a reading of monitor H <sub>2</sub> S levels at the down will be given to the following:			tuate the area and operator will ility will be closed and notification	
	505 001 1651	VII 40 00		
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 & Appro	val	
		Date:		_
				-

#### ATTACHMENT II.1.C Inspection Form

#### OWL Landfill Services, LLC

		ture:		
Inspe	ection will be in accordance	e with NMOCD operational co	nditions.	
ltem		Satisfactory	Action Required	
Entrance Sign				
Berms and outside pond levees				
Tank Labels				
Sumps				
Pond levels three-foot free boar	rd			
Free oil on Pits-Ponds				
Pit and Pond condition				
Pit and Pond marker numbers				
Treatment Plant inspection				_
Solid waste disposal area inspec	ation			
	ction			
Blowing trash				
Fences and Gates				
Leak detection sumps - Landfill		12		
Leak detection sumps - Evapora				_
eak detection sumps - Drying	Pad - Liquid present?	/		
Landfill Leachate Sump		-/-		
Groundwater Monitoring				
Pond Sludge Depth				
Comments & Repairs:	Muda Plant	15 Runners a	sol + (mistruda	0~1
setting up the	New restrict	ce Setting 504	Ley (AMTGU Pro	
Champage is get	DETORETAKENAET	HISTH TRASFIL B	1: 5 5 AN 12 40- SI	hape
aring pact is get chamicoreadings as Eguip	RETOBETAKEN 4 FT I	HISTH TRASFIL B	1: 5 5 AN 12 40- SI	pment r
Evaporation Pond (readings i	RETO BETAKEN 4 FT I MENT (SSUES W)	HISTH TRASFIL B	1: 5 5 AN 12 40- SI	pperch r
Evaporation Pond (readings i	RETOBETAKEN 4 FT I MENT (SSUES W)	HISTH TRASFIL B	1: 5 5 AN 12 40- SI	pmentr pmentr collection
Evaporation Pond (readings i POND	RETO BETAKEN 4 FT I MARKEN 4 F	HISTH TRASFIL B	1: 5 5 AN 12 40- SI	pment r pment r
Evaporation Pond (readings i POND  1 2	RETO BE TAKEN 4 FT I	HISTH TRASFIL B	1: 5 5 AN 12 40- SI	pmend r Polledian
Evaporation Pond (readings i  POND  1  2  3	RETO BE TAKEN 4 FT !  Mark 18 Sues W ;  in ppm):	HISTH TRASFIL B	1: 5 5 AN 12 40-1 SI	pmendr Polledian
Evaporation Pond (readings i POND  1 2	RETO BE TAKEN 4 FT !  METO BE TAKEN 4 FT !	HISTH TRASFIL B	1: 5 5 AN 12 40-1 SI	pmendr pmendr polledian
Evaporation Pond (readings i  POND  1  2  3	RETO BE TAKEN 4 FT !  Mart 185445 W in ppm):	HISTH TRASFIL B	1: 5 5 AN 12 40-1 SI	pmendr Polledia
Evaporation Pond (readings i POND  1 2 3	RETO BE TAKEN 4 FT !  Mart 155445 W in ppm):	HISTH TRASFIL B	1: 5 5 AN 12 40-1 SI	pmendr pmendr Dolledon
Evaporation Pond (readings i POND  1 2 3	RETO BE TAKEN 4 FT !  PLAT 15 Suts W in ppm):	HISTH TRASFIL B	1: 5 5 AN 12 40-1 SI	pmendr pmendr Dolledon
Evaporation Pond (readings i POND  1 2 3 4 5 6	RETO BE TAKEN 4 FT !  PLAT 15 Suts W in ppm):	HISTH TRASFIL B	1: 5 5 AN 12 40-1 SI	
Evaporation Pond (readings i POND  1  2  3  4  5  6  7	RETO BE TAKEN 4 FT ) Mart 15 Suts W , in ppm):	HISTH TRASFIL B	1: 5 5 AN 12 40-1 SI	ppendr ppendr Bolledon
Evaporation Pond (readings i POND  1  2  3  4  5  6  7  8	RETO BE TAKEN 4 FT ) Mart 15 Suts W , in ppm):	HISTH TRASFIL B	1: 5 5 AN 12 40-1 SI	
Evaporation Pond (readings i POND  1 2 3 4 5 6 7 8 9	RETO BE TAKEN 4 FT )  Mart 15 Suts W ,  in ppm):	HISTH TRASFIL B	1: 5 5 AN 12 40-1 SI	
Evaporation Pond (readings i POND  1  2  3  4  5  6  7  8  9 10	RETO BE TAKEN 4 FT )  Mart 15 Suts W ,  in ppm):	HISTH TRASFIL B	1: 5 5 AN 12 40-1 SI	
Evaporation Pond (readings is POND  1 2 3 4 5 6 7 8 9 10 11 12 *In the event that a reading of Immonitor H <sub>2</sub> S levels at the down	RE TO BE TAKEN 4 FT   Mark 155445 W   in ppm):	Facility, personnel will evacuate	e the area and operator will	,
Evaporation Pond (readings is POND  1 2 3 4 5 6 7 8 9 10 11 12 Fin the event that a reading of Is monitor H <sub>2</sub> S levels at the down will be given to the following:	RE TO BE TAKEN 4 FT;  Mark 185445 W,  in ppm):  10 ppm is registered at the I  wind of the Pond. If H <sub>2</sub> S le	Facility, personnel will evacuate evels reach 20 ppm, the Facility	e the area and operator will will be closed and notification	,
Evaporation Pond (readings in POND  1 2 3 4 5 6 7 8 9 10 11 12 In the event that a reading of 1 monitor H <sub>2</sub> S levels at the down will be given to the following:  OWL Office	RE TO BE TAKEN 4 FT :  Market 155445 W ,  in ppm):  10 ppm is registered at the I  wind of the Pond. If H <sub>2</sub> S le  505-231-1071	Facility, personnel will evacuate evels reach 20 ppm, the Facility	e the area and operator will will be closed and notification	,
Evaporation Pond (readings in POND  1 2 3 4 5 6 7 8 9 10 11 12 PIn the event that a reading of Innonitor H <sub>2</sub> S levels at the downwill be given to the following:	RE TO BE TAKEN 4 FT;  Mark 185445 W,  in ppm):  10 ppm is registered at the I  wind of the Pond. If H <sub>2</sub> S le	Facility, personnel will evacuate evels reach 20 ppm, the Facility	e the area and operator will will be closed and notification	,
Evaporation Pond (readings in POND  1 2 3 4 5 6 7 8 9 10 11 12 Fin the event that a reading of Immonitor H <sub>2</sub> S levels at the down will be given to the following:  OWL Office  New Mexico State Police	RE TO BE TAKEN 4 FT:  Market 155445 W.  in ppm):  10 ppm is registered at the I wind of the Pond. If H <sub>2</sub> S le  505-231-1071 575-392-5580	Facility, personnel will evacuate evels reach 20 ppm, the Facility NMOCD Hobbs NMOCD Santa Fe	e the area and operator will will be closed and notification  575-393-6161  505-476-3440	,
Evaporation Pond (readings in POND  1 2 3 4 5 6 7 8 9 10 11 12  In the event that a reading of I monitor H <sub>2</sub> S levels at the down will be given to the following:  OWL Office New Mexico State Police	RE TO BE TAKEN 4 FT:  Market 155445 W.  in ppm):  10 ppm is registered at the I wind of the Pond. If H <sub>2</sub> S le  505-231-1071 575-392-5580	Facility, personnel will evacuate evels reach 20 ppm, the Facility NMOCD Hobbs NMOCD Santa Fe	e the area and operator will will be closed and notification  575-393-6161  505-476-3440	,

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

	Signature	<b>:</b>	
thers:			
Inspecti	ion will be in accordance wi	ith NMOCD operational cor	
tem		Satisfactory	Action Required
Intrance Sign			
Berms and outside pond levees			
ank Labels			
Sumps			
ond levels three-foot free board	ERSENATA		V
ree oil on Pits-Ponds			
it and Pond condition	ACCUSE MANAGEMENT		
Pit and Pond marker numbers			
Treatment Plant inspection			
Solid waste disposal area inspecti	ion	/	
Blowing trash			
Fences and Gates		/	
Leals detection summs - Landfill -	· Liquid present?		
Leak detection sumps - Evaporati	ion Ponds - Liquid present?	/	
Leak detection sumps - Drying Pa	ad - Liquid present?	/,	
Landfill Leachate Sump			
Groundwater Monitoring		/ W	Il BE many Led on the 12
Pond Sludge Depth		, –	
A TOTAL A SECURITION OF THE PARTY OF THE PAR	E TO BE TAKEN 4 FT D	WS — Construtor OWNWIND FROM EVAN	ON HEW Shape CORATION PONDS
READINGS ARI Evaporation Pond (readings in		11 2 4	PORATION FONDS
READINGS ARI Evaporation Pond (readings in POND		11 2 4	PORATION FONDS
READINGS ARI Evaporation Pond (readings in POND		11 2 4	PORATION FONDS
READINGS ARI Evaporation Pond (readings in POND  1 2		NO Water in NO Bird's	PORATION FONDS
READINGS ARI Evaporation Pond (readings in POND  1 2 3		11 2 4	PORATION FONDS
READINGS ARI Evaporation Pond (readings in POND  1 2 3 4		11 2 4	PORATION FONDS
READINGS ARI Evaporation Pond (readings in POND  1 2 3 4 5		11 2 4	PORATION FONDS
READINGS ARI Evaporation Pond (readings in POND  1 2 3 4 5 6		11 2 4	PORATION FONDS
READINGS ARI Evaporation Pond (readings in POND  1 2 3 4 5		11 2 4	PORATION FONDS
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#### ATTACHMENT II.1.C Inspection Form OWL Landfill Services, LLC

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#### ATTACHMENT II.1.C Inspection Form

OWL Landfill Services, LLC

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#### ATTACHMENT II.1.C

Inspection Form OWL Landfill Services, LLC

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#### ATTACHMENT II.1.C

	Inspection	on Form	
OWL	Landfill	Services,	LL

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### ATTACHMENT II.1.C Inspection Form OWL Landfill Services, LLA

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#### ATTACHMENT II.1.C

Inspection Form

OWL Landfill Services, LLC

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lowing trash		/	Cleaned throughter met
ences and Gates	The state of the s		
eak detection sumps - Landfill -	Liquid present?		
eak detection sumps - Evaporati	ion Ponds - Liquid present?		
eak detection sumps - Drying P	ad - Liquid present?		
andfill Leachate Sump		1	dont By Park !!
Froundwater Monitoring Ond Sludge Depth			and Dy Italian
vaporation Pond (readings in POND	1 ppm): No Ha	25 MB	I Mounters
1			W Nowattern
2			
3			
4			
5			
6			
7			
8			
9			
10			
nitor H2S levels at the down	0 ppm is registered at the Fa wind of the Pond. If H <sub>2</sub> S lev	icility, personnel will cels reach 20 ppm, the	evacuate the area and operator will e Facility will be closed and notification
			11 - FRE 202 C161
will be given to the following:	505-231-1071	NMOCD Ho	
OWL Office	575-392-5580	NMOCD San	nta FC 303-470-3440
OWL Office New Mexico State Police	·		
OWL Office	575-397-3611		
OWL Office New Mexico State Police	575-397-3611	Receipt & A Na	Approval me:
OWL Office New Mexico State Police	575-397-3611	Na	me:
OWL Office New Mexico State Police	575-397-3611	Na	

C-\Llacr\urrence\DesktopiDocuments\Copy of OWL-II.1-Att II.1.C-laspectForm\_Feb.201

#### ATTACHMENT II.1.C

Inspection Form

OWL Landfill Services, LLC

hers:	Signature		
Inspecti	on will be in accordance wi	th NMOCD operational cor	nditions.
em		Satisfactory	Action Required
ntrance Sign			
erms and outside pond levees			
ank Labels			54,550,00
imps and levels three-foot free board			
ree oil on Pits-Ponds			
it and Pond condition			
it and Pond marker numbers			- 10 m
reatment Plant inspection			
olid waste disposal area inspection	nn		
	***		
lowing trash ences and Gates			
ences and Gates  eak detection sumps - Landfill -	Liquid present?		
eak detection sumps - Evaporation	on Ponds - Liquid present?	/	
eak detection sumps - Drying Pa	d - Liquid present?	1	
andfill Leachate Sump			
Groundwater Monitoring			
		/	7 60
Pond Sludge Henin			
Echanono some	Scue Aduluit	Door with	o work on then
Comments & Repairs: Of Soil Enizatell is a	Dry DALLING  SCUE PAULUIT  Lectric AL 1560  ETO BE TAKEN 4 FT DO  Stallup and clocu  ppm):	ES WILL MADE TO SHOW EVALUATION OF THE PROPERTY OF THE PROPERT	The tech on site of which we takes Howard on Poration Ponds
Comments & Repairs: Description of the Comments & Repairs	Scue Aduluit	ES WILL MADE TO SHOW EVALUATION OF THE PROPERTY OF THE PROPERT	The tech on site of which we takes Howard on Poration Ponds
Comments & Repairs: OF SCHOLLS AND LONG SAND SCHOOL AND	Dry DALLING  SCUE PAULUIT  Lectric AL 1560  ETO BE TAKEN 4 FT DO  Stallup and clocu  ppm):	ES WILL MADE TO SHOW EVALUATION OF THE PROPERTY OF THE PROPERT	The Lech ON SHE
Comments & Repairs: OF SCHOLLS AND LINE SEADINGS ARI EVAPORATION FOND  1 2	Dry DALLING  SCUE PAULUIT  Lectric AL 1560  ETO BE TAKEN 4 FT DO  Stallup and clocu  ppm):	ES WILL MADE TO SHOW EVALUATION OF THE PROPERTY OF THE PROPERT	The tech on site of which we takes Howard on Poration Ponds
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Comments & Repairs: OF SALL AND SALL AN	Dry DALLING  SCUE PAULUIT  Lectric AL 1560  ETO BE TAKEN 4 FT DO  Stallup and clocu  ppm):	ES WILL MADE TO SHOW EVALUATION OF THE PROPERTY OF THE PROPERT	The tech on site of which we takes Howard on Poration Ponds
Comments & Repairs: OF SALL IS SALL IS SALL IS SALL IS SALL IS SALL AND SALL IS	Dry DALLING  SCUE PAULUIT  Lectric AL 1560  ETO BE TAKEN 4 FT DO  Stallup and clocu  ppm):	ES WILL MADE TO SHOW EVALUATION OF THE PROPERTY OF THE PROPERT	The tech on site of which we takes Howard on Poration Ponds
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Comments & Repairs: OF SALL IS SALL IS SALL IS SALL IS SALL IS SALL AND SALL EVAPORATION FOND  1 2 3 4 5 6 7 8 9 10 11	Dry DALLING  SCUE PAULUIT  Lectric AL 1560  ETO BE TAKEN 4 FT DO  Stallup and clocu  ppm):	ES WILL MADE TO SHOW EVALUATION OF THE PROPERTY OF THE PROPERT	The tech on site of which we takes Howard on Poration Ponds
Comments & Repairs: OF SCHOOL STALL IS SELL AND SEVAPORATION FOND 1 2 3 4 5 6 6 7 8 9 10 11 12	Lectrical Issue Taken 4 IT DO Still Lepture Clock ppm):  Otto	acility, personnel will evacuely reach 20 ppm, the Facility	The feet on site of which the feet of the
*Comments & Repairs: OF READINGS ARI EVAPORATION FOND  1  2  3  4  5  6  7  8  9  10  11  12  *In the event that a reading of 1 monitor H <sub>2</sub> S levels at the down will be given to the following:	Oppm is registered at the F wind of the Pond. If H <sub>2</sub> S le	ES WILL MARKET M	The Jeek On Site of White the Seas Blown of PORATION PONDS  Ot 120 In Swipp  LO Bill Sinc Ponce.  Interest the area and operator will lity will be closed and notification  575-393-6161
*Comments & Repairs: OF READINGS ARI EVAPORATION FOND  1  2  3  4  5  6  7  8  9  10  11  12  *In the event that a reading of 1 monitor H <sub>2</sub> S levels at the down will be given to the following:  OWL Office	Oppm is registered at the Fwind of the Pond. If H <sub>2</sub> S le	acility, personnel will evacuely reach 20 ppm, the Facility	The feet on site of which the feet of the
*Comments & Repairs: OF READINGS ARI EVAPORATION FOND  1  2  3  4  5  6  7  8  9  10  11  12  *In the event that a reading of 1 monitor H <sub>2</sub> S levels at the down will be given to the following:	Oppm is registered at the F wind of the Pond. If H <sub>2</sub> S le	acility, personnel will evacuate reach 20 ppm, the Facility MOCD Hobbs	The feet on site of which the feet of the

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

: 12/27/200	Print Name: 2 Adams
rs:	Signature:
rs:	

tem	Satisfactory	Action Required
Intrance 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	1	
Solid waste disposal area inspection	1	
Solid waste disposal area inspection  Blowing trash	1	
Fences and Gates		
Leak detection sumps - Landfill - Liquid present?	-	
Leak detection sumps - Evaporation Ponds - Liquid present?	1	
Leak detection sumps - Drying Pad - Liquid present?	1	
Landfill Leachate Sump		( "
Groundwater Monitoring		PEC (good)
Pond Sludge Depth	/	
*Comments & Repairs: Much Plant is Ru Provide and And Prodell is we good and with Me issees NO WATERS		- NO Bride me 1-0~
<b>READINGS ARE TO BE TAKEN 4 FT DOW</b>	NWIND FROM	EVAPORATION PUNDS
Evaporation Pond (readings in ppm): 8H2	5	
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<sub>2</sub>S levels at the downwind of the Pond. If H<sub>2</sub>S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

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

Receipt & Approval Name:

APr36	14/22	14,32	MICHIM	Mar 32	Eb 12	Fib B	F667	Feb 7	Fab 7	Fab >	Jim 26	Jan 26	Jun 26	Jun 26	Jan 18	Jan 18	Jan 18	Jank	Junto	Jan 10	Jun 10	Date	
51/12	50115	11/1/2	50/13	50/12	5/1/3	50112	50/15	52/12/	5.1/3	54/12	Sells	5.11 4	5/1/3	5/1/2	Sull 5	S=11 4	Sull 3	50/1/2	5.11 5	Sull 4	Sull 3	Sump I.D.	Leachate Level Data
12:15pm	3:30 PM	1:10 PM	11:23 Air	9.001	11:37 10	10:00 M	1:25 Din	11:05 AM	9:45 MM	8:15 AM	5:08 PM	3:45 PM	2:35 PM	1:00 Pm	2:00 PM	12:10 PM	9:30 Am	7:00 Am	1:00 PM	10:00 AM	8:36AM	Time	vel Data
12/2	73	FF	FF	13	73	12	FE	13	13	FF	33	23	33	77	33	FF	FE	XX	17	13	33	Monitored By	
10126	19,122	Mar 22	Mar 22	Mur 22	Kh 12	Fub 12	Feb >	Eh 7	F.67	P1267	Im 26	Jun 26	Jan 26	Jan 26	Ton 18	Jun 18	Jun 16	Tun 18	Jan 10	Ton 10	Jun 10	Date	
10082	10031	10031	10032	MOBZ	NOBL	NOBL	NOBL	NOBL	NOBL	UDBL	NOBL	WOBL	NOBL	ND82	NOBL	NOBL	NOBL	NOBL	NORL	NOGL	780W	Company	Pumping Data
460	50	941	100	186	200	240	30	%	50	120	60	216	190	110	210	90	100	280	200	180	260	Volume Pumped (gal)	
Pulled water	Pulled water	Polled water	Pulled Water	Dullad Water	Poll and water	Palled Water	Willand Water	Fulled Weter	Pullad letter	Pulled water	Dellad Water	Pulled Water	Pullad water	Pulled Water	Polled Water	Pullad water	Pulled Water	Notes					

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Monitored By  OAM TH  SEM TH  SEM TH  SAM TH  OAM TH  OAM TH  OAM TH  OAM TH  OAM TH		Leachate Level Data	evel Data			Pumping Data		- [
Call 2 9: 50 Am FE  Call 3 16: 55 FE  Call 4 13: C5 PM FE  Call 5 2 7:00 Am FE  Call 2 1: 100 Am FE  Call 2 1: 100 Am FE  Call 2 1: 20 Am FE  Call 3 1: 20 Am FE  Call 3 7: 20 Am FE  Call 3 8: 40 Am FE	Date	Sump I.D.	Time	Monitored By	Date	Company	Vo Pump	Volume Pumped (gal)
Coll 3 15:50 FF  Coll 5 2:35 PM FF  Coll 5 1:50 PM FF  Coll 2 1:10 PM FF  Coll 2 1:00 PM FF  Coll 2 1:00 PM FF  Coll 2 1:00 PM FF  Coll 3 10:00 PM FF  Coll 2 5:00 PM FF  Coll 3 7:20 PM FF  Coll 3 8:40 PM FF  Coll 3 8:40 PM FF	5/2/20	Cell 2	10	1.1.	5/12/24	NDEL	11	0/0
Coll 2 7:00 ME EE  Coll 3 9:55 ME EE  Coll 3 9:55 ME EE  Coll 3 9:50 ME EE  Coll 3 1:50 M EE  Coll 3 1:50 M EE  Coll 3 1:00 M EE  Coll 3 1:00 M EE  Coll 3 1:00 M EE  Coll 3 8:00 M EE  Coll 3 8:00 M EE  Coll 3 8:00 M EE	5/2/27	0.113	16:50	XX	5112124	MOBL		0
Coll 3 2:35 PM FF  Coll 3 7:00 Mm FF  Coll 3 7:00 Mm FF  Coll 3 1:10 PM FF  Coll 3 1:00 Mm FF  Coll 3 8:00 Mm FF  Coll 3 8:00 Mm FF  Coll 3 8:00 Mm FF		14/10	n	FE	5/12/24	NBEL		100
Call 2 7:00 Mm FF  Call 2 7:09 Mm FF  Call 2 7:09 Mm FF  Call 2 1:15 Pm FF  Call 2 1:10 Dm FF  Call 2 1:40 Mm FF  Call 2 6:40 Mm FF  Call 2 8:50 Mm FF  Call 3 8:40 Mm FF	\	01/15		re	5/2/24	NOBL		240
Call 3 9:15 AM FE  Call 3 9:20 AM FE  Call 4 11:00 AM FE  Call 2 1:00 AM FE  Call 2 1:00 AM FE  Call 3 10:00 AM FE  Call 3 8:40 AM FE	5/20/24	Call 2	7:00 AM	EE	5/20/20	2200		30
20124 Coll 2 7:09 AM EX 129124 Coll 2 7:09 AM EX 129124 Coll 2 7:09 AM EX 129124 Coll 4 1811 AM EX 129124 Coll 4 18:10 DM EX 12124 Coll 2 1:10 DM EX 12124 Coll 2 1:20 AM EX 12124 Coll 2 1:20 AM EX 123/24 Coll 2 6:40 AM EX 123/24 Coll 2 6:40 AM EX 123/24 Coll 2 8:20 AM EX	5/80/91	Call 3	9:15 KM	KK.	5/20/20	2026		11/10
20124 Coll 2 7:09 AM EX 128124 Coll 2 7:09 AM EX 128124 Coll 2 7:09 AM EX 128124 Coll 2 1:15 PM EX 14124 Coll 2 1:15 PM EX 14124 Coll 2 1:10 DM EX 12124 Coll 2 1:00 AM EX 12124 Coll 2 1:00 AM EX 12124 Coll 2 6:40 AM EX 12124 Coll 2 8:20 AM EX 12124 Coll 2 8:20 AM EX 12124 Coll 2 8:40 AM EX 12124 Coll 3 8:40 AM EX	5/20/24	1	11:36 AM	EF	5/20/24	NOBL		70
128/24 Call 2 7:09 AM EX 128/24 Call 3 9:20 AM EX 1:28/24 EX 1:20 AM EX 1:20	540/211	Calls	1:02 PM	FF	51801211	NOBL		20
128/24 Call 4 118/1 Ar FF 28/24 Call 4 118/1 Ar FF 28/24 Call 4 118/1 Ar FF 28/24 Call 4 11:40 Am FF 28/24 Call 2 1:500 Am FF 28/26 Am FF 28/2	5/28/24		7:09 AK	27	5/28/24	18acr		130
128/21 Call 4 118/1 Ar FF  128/21 Call 4 118/1 Ar FF  128/21 Call 2 11/10/2 FF  128/21 Call 2 11/10/2 FF  128/21 Call 2 11/20/2 FF  128/21 Call 3 8/20/2 FF  128/21 Call 3 8/20/2 FF	5/29/26	1	9:20 Mm	73	5/20/21	NOBL		87
28/84 CANS 1:15 PM FF  14/124 CANY 2 1:10 DM FF  18/124 CANY 2 1:10 DM FF  18/124 CANY 2 1:10 DM FF  18/124 CANY 2 1:20 AM FF  12/124 CANY 2 6:40 AM FF  12/124 CANY 2 6:40 AM FF  12/124 CANY 2 6:40 AM FF  12/124 CANY 2 8:40 AM FF	51281211	Celly	11811 AM	FF	5/28/24	DENEWY.	1	110
14124 Cx114 8:32 AM FF  18124 Cx112 1:10 DA FF  18124 Cx112 7:30 AM FF  123/24 Cx112 1:40 AM FF  123/24 Cx112 7:00 AM FF  123/24 Cx112 8:40 AM FF  121/24 Cx112 8:40 AM FF  121/24 Cx112 8:40 AM FF	5/28/21	Culls	N .	23	5/28/24	100134	1	00
19124 Call 2 1:10 pm FF 19124 Call 2 7:30 Am FF 19124 Call 4 7:00 Am FF 193124 Call 2 6:40 Am FF 193124 Call 2 6:40 Am FF 193124 Call 2 8:40 Am FF 193124 Call 3 8:40 Am FF	6/14/20	1	8:3241	23	6/14/12/	10036		600
20124 Call 2 7:30 Am FF 20124 Call 2 10:00 Am FF 12124 Call 2 6:40 Am FF 12124 Call 2 6:40 Am FF 12124 Call 2 8:40 Am FF 12124 Call 2 8:40 Am FF		Cull 2	1:1000	ER	6/19/24	10052	1	240
Call 2 11:40 Am FF  Call 2 5:00 Am FF  Call 2 5:00 Am FF  Call 2 8:40 Am FF  Call 3 8:40 Am FF	6721174	01/12	7:30 AM	FK	6/2/194	KDBL		00
Call 2 1:40 AM FE  Call 2 6:40 AM FE  Call 3 8:40 AM FE  Call 3 8:40 AM FE	6/2/1211	C.113	10:00 um	EK	6/2/124	150136		120
Call 2 7:00 km FF  Call 2 6:40 sm FF  Call 3 8:50 km FF  Call 3 8:40 sm FF	612124	(11/10)	11:40 Am	13	6121124	NOBA		240
Call 2 6:40 AM FF  Call 2 7:23 AM FF  Call 3 8:40 AA FE		Call is	7:00 hm	FK	6/22/24	NOBL		00
Coll 2 8:00 m FF	1/27/21/21	C.1/12	6:40 sa	RE	(123/2 V	rope		60
Coll 2 7:23 AM FE	129/194	00/12	S'OO'N	23	6124/24	1800	ı	60
C1113 8-40Ax FE	6/21/24	Co/12	7:20 AM	23	112/12/1	12001		120
The state of the s	6127124	64/13		12	6107/24	10000		240

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	Leachate Level Data	evel Data			Pumping Data		
Date	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	Notes
171/24	Call 4	W/14:6	23	4211211	TOCH	120	Poll Water
helle!	Cull 5	11:30Hr	23	6/27/21	NBBG	120	Pullwater
1128611	1/4/12	7:00 Am	Fi	12820	MINI	115	Poll Water
119921	C1112	16:30 AM	156	6/29/24	NOBL	100	Poll water
1130/24	1 110	6:00 AK	THE	6/30/24	WDBL	240	Pull water
16/05/91	C1/12	7:15 Am	13	6130/24	10034	240	Pull water
11/24	Call	8:15AK	FE	0/1/2/1	1000	240	Poll water
11/1/2	11/2	9:40/1	AM	7/1/24	18100	240	Pull Water
7131911	Call 1	biooxa	13	713/211	13861	240	Poll water
113/21	6.112	8:00 AM	K	7/3/24	NDR1	260	Poll water
711.124	Cy113	6:00xm	13	7/6/24	MAN	120	Pull water
7/6/24	Call 21	8:15 AM	12	716124	non	01/2	Poll water
716/24	Colls	11:20Am	71	716124	2036	130	Pall witer
1201211	C.111	7:00Am	KK	7120/24	12031	340	Pull Water
7/22/201	6-111	7:30An	23	7/22/211	18001	240	Pull water
7/22/24	Ce112	10:00 Am	3	7/22/24	CORC	120	Poll water
125/24	Cull 1	9:00 Am	23	7125/24	2000	120	Roll water
912124	Call 1	6:30400	13	8/2/24	NOBL	75	Pull Water
8/2/21	Call 2	7:45AM	13	8/2/24	20134	170	Pull Water
8/2/24	Coll 3	9:10Am	14	8/2/24	NBBL	240	Poll woter
8/2/24	0.114	11:50m	13	8/2/24	1000	3/6	Pull Water
8/2/24	Coll 5	1:08 PM	13	8/2/24	YOUNGE	260	Pull Water

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

Q

01	110/19/19		12/9118	6/19/24	12/5/18	112/31/8	8/11/24	\ h	8/15/21/8	175/11/8	8/12/24	116/01/8	4CTU18	SIDIZ	8/2/21/	8112/04	1181218	116/24	816124		1616181	Date	
Call 1	2,110	00114	01/3	0.112	Coll 1	C+11.1	Call 1	Cull 1	Cell 1	Ce///	1112	21/2	11/10/	01/13	64/12	Cull 1	00/15	Pall 4	Cell 3	Cu/12	Cell 1	Sump I.D.	Leachate Level Data
7:00 Ar		0	8:15 MM	7::45 AM	6:30AM	6:30AM	7:00 Am	7:00 AM		7500 AM	6:30Am	1:30pm	11:20AM	9110Am	7240 An	6:30 Am	21.15 Pm	18: 10 PM	10:40 AK	9:28 24	8100 AM	Time	vel Data
23	73	11	43	TE	47	23	73	77	FE	FF	77	FF	FF	33	13	33	13	73	13	23	13	Monitored By	
8/20124	18/18/18	8/19/84	8/19/24	1191184	8119124	8/18/24	8/17/24	811184	8115/24	8/14/24	8113/24	8/12/24	8112124	8/12/24	8112124	81/2/2/1	8/6/24	8/6/24	8/6/24	6/6/24	816/24	Date	
	2000	NUBL	1800	NOOL	NOBL	NOB2	NDBG	10036	NOIL	NOOL	WARL	NOBL	NO131	10002	NOBL	MBL	NDBL	10082	MO32	NOBL	NOBL	Company	Pumping Data
120	215	360	240	120	110	120	120	80	800	77	120	175	200	210	120	110	190	260	200	110	70	Volume Pumped (gal)	
Poll	Dull 6	Po 11 4	Pull 4	Pull	211	Poll	Pall	Pull	Pull	Pull	Dell o	Pull a	Pull wi	Pull u	Poll 4	Pull o	Pull	Pull	Pull	Pull	Pull		
Johan	ostar	atus	atur	wet you	Watur	work	water	water	water	water	Jakin	other	iter	Water	loter	water	Water	water	Water	Water	Water	Notes	

Bill water	00	NOBL	9/13/211	213	13:30pm	C1/12	9/13/24
Pell wa	100	NBBL	9/15/21	33	10:00 Hus	Call	9/13/21/
Rell wh	120	NDBL	912124	27	8:45 Am	P.112	4/2/24
Pull Was	00	NOBL	9/2/21/	13	7:00 AM	CM 1	9/12/24
Pall Was	80	NOBL	1111110	12	8:00 AM	C1112	11/1/10
Poll Was	100	MARC	9/11/21	12	6:30 Hun	C-111	11411/6
Pull war	70	NOBL	116/6/6	23	1:5027	C1115	1161616
Pull wot	160	NOBL	118/1911	73	12:10 PW	6114	16/6/6
Pell wit	190	NBBL	9/9/24	77	10:40 AM	Cv113	419124
Pell West	00	NDB L	9/9/24	33	9115 Apr	6-112	919124
Roll Wal	100	NOBL	9/9/24	13	81.00AM	C1111	10/10/1
Pollwar	110	ND132	9/3/211	33	7130AM	C+112	9/3/24
Pall Was	120	NOBL	913/211	73	6:00 AM	Cell1	9/3/21
Poll Was	100	NORL	8129/24	12/	3:45 Pm	Cull 5	8/29/21/
Pull Was	250	MOBL	8127124	73	1:30 PM	Coll 4	126/26/8
Roll was	380	NOBL	8129121	33	9:42 Am	C.113	8/29/24
Poll Was	200	NBBL	1129124	73	7:05 AM	Cell 2	129124
Poll Was	120	NDBL	81291211	11	Clash	6/11	1211818
Poll as	140	NOBL	426/24	23	91.15 41	P1/12	Spurzy
Pall wat	80	NOBL	8/26/26/8	FF	6120 AM	Call!	1100013
Pollula	150	NOBL	12/12/3	22	8:45AM	10112	8124124
Pull Wa	120	NOBL	118111818	THE	7:00 Am	C.///	121121
Notes	Volume Pumped (gal)	Company	Date	Monitored By	Time	Sump I.D.	Date
		Pumping Data			evel Data	Leachate Level Data	

	Leachate Level Data	vel Data			Pumping Data		
Date	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	Notes
42/8/12	Cell 1	6230 Am	11	4518116	NOBL	110	Pull Water
118/16	C+112	7:58 AM	13	9/18/12/1	MARK	200	Rell Water
91181124	Pell 3	9:35 Am	17	9/18/21/	NOBL	160	Pull Water
918124	P.114	11:05 AW	FI	9118124	NOBL	150	RII wahn
9/18/24	Cull 5	1:06 PM	FF	9118124	NDBL	70	Pull luptu
91261211	C+111)	6:00 11	13	9/26/21	MASI	40	Pell Water
91261211	C1/12	7140 AW	13	91261211	NOBL	120	Rell water
9126124	C.11 3	91.10 Am	33	9126/24	100132	170	Poll weter
9126124	Cell 4	11:10 AVA	12K	9126184	NOBL	200	Pull water
9/26/21/	0,115	2/30 PM	FE	9121124	NOBL	110	Cull Water
10/3/21	1.111	6:40 Am	17	10/3/24	NDBL	0.00	Pell buton
1013124	C+112	8115 44	77	10/3/24	NOBL	00	Pull Water
1013/24 0	Cell 3	B:11AM	13	10/3/24	NOBL	90	Pull Water
1013121	Cull 41	11:00 PM	43	10/3/211	WORL	160	Pull Water
1013184	Coll 5	3:10 Pm	FE	10/3/211	NOBL	40	Pull Water
10/11/24	Call 1	6:00 AM	45	10/11/24	LOBL	160	Rell water
10111/24	C/12	8:10 HM	23	10111121	NOBL	110	Pull water
10111124	Cull 3	9:20 AM	33	10111/24	NOSL	70	Pull water
10/11/24	Celly	10108 AM	FF	10111/24	NOBL	90	Pull water
10/11/21	0.115	11:35 AW	23	10/11/21	WBBL	40	Pull water
10/R/24	Cell 2	9:10 Am	23	101/8/24	NOBL	100	Poll water
10/18/101	Cell3	11:02 Aun	23	10/18/24	NOBL	60	Poll water

# C:\Usera\zramos\Desktop\Documents\Copy of OWL-II.8-Att II.8.A-LeachateMonForm\_Feb.2016

Company   Pun   Company   Pun   Pu
## Date   Company   Pumping Data   Volume   By   Pumped (gal)   Pu
Pumping Data  Volume  Company  Pumped (gal)  12051  1500  100131  1000131  10001
Ig Data  Volume  any  Pumped (gal)  100  110  120  110  110  110  110  11
Roll water  Poll water

# C:\Users\zramos\Desktop\Documents\Copy of OWL-II.8-Att II.8.A-LeachsteMonForm\_Feb.2018

	Leachate Level Data	l Data			Pumping Data		
Date S <sub>1</sub>	Sump I.D.	Time	Monitored By	Date	Company	Volume Pumped (gal)	Notes
11129124 /2	111	6130 Au	77	111391211	181014	260	Poll Water
11129/21/	2	-	12/	1129/211	NOBL	000	Pull Water
11/30/24 6-11	11	9:00 AM	13	11301211	10/13/	310	Pull water
1130/24 /0/1	2	1:09 PW	FF	11201211	KDBL	180	Pall Water
1214124 61	111	Gico Han	FF	1114124	NDBL	200	Poll work
121 helivel	1/2	11.15 Pm	TF	11141211	10036	300	Pall Water
1215121 Pol	11/	810 Am	12/2	12/5/24	10DRL	360	Pull Woler
12/1/21 Col	111	11:00 AM	77	12/1/21	NOBL	2517	Poll water
12/11/24 (2/1	3	8:30A"	17	112111161	NOBL	100	Pull water
12/11/21/ 6-11	141	10:10 Am	73	12/11/24	NOBL	1110	Poll water
1211124 Cell	W.	12:45 Pm	23	12/11/24	WORL	70	Pull Water
	11)	7:30 AM	11	plalau	NOBL	180	Pull water
12/12/12/12/	W	2:10 Pm	12	alalau	NOBL	00	Pull water
12/20/24 Cz/	111	6:30 Am	FF	11201211	WDB2	120	Pull water
12/20/81/64/1	7	9:00 AM	CF	Blooky	NOBL	480	Pull water
12/20/24 Call	V	11:40AM	13	121201211	NABL	130	Poll water
12/20/21/21	(4)	3138 Pm	FF	12/20121	20136	130	Pull water
12/80/21/ 1-11	Si	5:10 pm	77	12120124	NOBL	120	Pull motion
12122/21/Cell	"/	7:30 AM	2	12/23/211	NOBL	240	Poll water
12/23/24 6.1.	12	10:12 Am	33	19/23/21	WDBL	360	Pall water
12/26/21/6/1	'/	6'so AM	23	12/26/24	NACIO	270	Poll water
12/26/81/0-11	d	9:10AM	EE	12/86/24	UDBL	180	Pull water

									12/30/24/ Cx	10/30/24 6	12/29/21/6	12125/21/C	Date	
									1/2	1 110	112	11/2	Sump I.D.	Leachate Level Data
									4130 Pm	2:40 Pm	11:00 Am	8130Am	Time	vel Data
									43	73	73	73	Monitored By	
									12-30-211	_		12-29-24	Date	
				H	= ==				KOBL	1800	NOBL	NOBL	Company	Pumping Data
									115	140	180	2110	Volume Pumped (gal)	
									Pull water	Pull woter	Poll water	Poll Water	Notes	TRACE 188
				-		S.							111	

MEETI	DIC	SIC	AL IN	SH	FET
MEELI	NG	SIG	N-1N	ЭП	

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 PAP	Edinas	12-4-24
Aguilar,Edwin	Supervisor	Edingie	12-3-24
Alvarado, Isaac	30,001 0.501	character .	le 12-4-24
Arcidez, Casey	SAFETY Manager	-Ch	12-4-24
Martinez, Karel	Jan C. Y	, per	
Batista, Dariel		_	
Borrego, Carralero Yordan	Edigido Burciaga	LAS	6-5-27 of
Burciaga, Luis			12-5-24
Butler, Kalub		/	12-5-24 Cf
Cabellos, Geraldine		/	12-5-29
Cabellos, Henry		V	12-5-24
Carballo, Javier			1
Jacomino-Cardosa Omar			
Hernandez-Carrera Juan			
Castillo, Omar	WASH PAD	J	12-4-24
Chacon, Adan	1/2		
Alban-Chiroque Pedro			

Page 1 of 4

V were present por Safety Manger . Arcider

Name	Job Title	Signature	Date
Cortez, Ginney		/	12-5-27 Cf
Cotton, Kai		✓	12-5-27 A
Deloera, Abram			
Denniston, Mike			12-5-27 CA
Duarte, Heriberto	operador	450	12-4-2024
Echavarria, Gustavo		/	
Fabela, Eddy			
Fabela, Fabian	Supervisor	77	12/3/2004
Falcon, Victor	300		
Flores, Crispin			
Flores, Daniel			
Frias, Jonathan	Supervisor	J. HF	12-3-24
Gage, Brady	Supervisor "	B	12-301
Diaz, Yosvany			
Hernandez, Armando			
Hernandez, Gerardo		<b></b>	12-5-29 04
Hidalgo-Diaz Osmel			
Hopson, Jeffrey		/	12-5.29 CA
Jacquez, Fernando			
Liriano-Diaz Rodolfo			
Lopez,Ramiro	me chanic	and of Lopez	4-5-27
Lopez, Isaias			

Name	Job Title	Signature	Date
Lopez, Jose			
Medina, Yunisvel	WASH PAD	V	12/64/24
Minjarez, Julain			
Moberly, Nick	Superior	My	12-5-24
Munoz, Andres			
Ornelas, Adan		/	12-5-27
Parra, Axl		V	12-5-24
Payanes, Matteo		/	12-5-24
Pena-Martinez Osmar			
Peralta-Tavara Alvaro	den	fan	12-5-24
Perez-Marquez Jeonada	OPERADOR		
Quevedo-Diaz Yerandy		V	
Ramirez, Rudy			
Ramos, Jeremiah			
Ramos, Zack	President	3/2	12/3/2024
Remon-Hildalgo Yoelvis			
Villa-Rivera Daniel	OFELATOR	Dano Reson	b-+-24
Romero-Montero Adrian			
Ronquillo, Eleuterio			
Ronquillo, Jesus	Joperator	Joses Korgillo	12-3-24
Rosalez, Ramon	Mechanic	All -	12-3-24
Rosalez, Dorian	Vice President	TIP	12/3/24

Name	Job Title	Signature	Date
Rosalez, Ramon JR			
Sanchez, Jorge			
Tavara-Reyes Canthy			
Tellez, Dominique	Sales	Danyi Cely	
Thompson, Brian		d	
Torres, Adrian			
Torres, Alexander	OPERADOR	alex	12-4-24
Vallodolid, Jose	OPERADOR E aperator	Jor Vallash.	12-4-24
Vega-Zamora Onelio			,
Vega, Yordanis			
Zubia-Morales Raul	Operación	Aleun zelsia	12-4-24
Zuniga, Jaime		0	
LIRIANO, HERMAN	WASAPAD	El)	12-4-24

eivea	by (	<i>U</i> C1	<i>D</i> . 9	71 //	/202	<i>(3 y</i>	:33	.10	AM																							rag
196/9	42/11/26	ht/ht	17-71		13 EV	he/3		6/104	1/24		4-26	12/0	南北	42/4		,	h+/+1	1110	22/90	F/7		46/4C	06/23	12/21	15.5		NA	h2-L1,	7/24	ht/41	Date	Topic:
Owas eardoso Jac	Garcia Diaz, Yosvanys	Gage, Brady V	Frias, Jonathan	Flores, Daniel A	Flores Montalvo, Crispin	Fabela, Fabian Q	Fabela III, Eddy	Estrada, Hector	Echavarria, Gustavo	Echavarria Morales, Luis G	Denniston, Mike M	DeLoera, Abram D	Cotton, Arien K	Cortez, Ginney	Chacon, Adan	Castillo, Omar	Cazares Guardiola, Ceasar A	Castillo, Jose	Carballo, Javier	Cardenas Suarez, Isaac G	Cabellos, Henry U	Butler, Kalub A	-		Borrego Carralero, Yordan	Batista, Dariel	Arcidez, Castulo	Alvarado, Isaac	Aguilar, Edwin A	Aguilar Fonseca, Edisnay	Employee Name	Heat Exhaustion & Stress //
"acomino	01/18/24	3/13/2024	08/07/20	01/26/24	09/23/22	02/17/20	12/06/23	01/09/24	01/19/23	07/17/23	04/27/20	01/03/22	01/27/23	06/22/20	12/27/19	12/26/23	4/2/2024	02/09/24	09/07/23	4/15/2024	08/14/20	02/06/24	01/19/24	06/19/23	2/29/2024	11/22/23	03/06/23	09/16/21	02/25/21	02/09/24	Hire Date	125 Awgs
	Wash Rack Operator	Operator	Mud-Plant Supervisor	Operator	Heavy Equipment Operator	Landfill Supervisor	Heavy Equipment Operator	Operator	Operator	Heavy Equipment Operator	Heavy Equipment Operator	Operator	Operator	Operator	Heavy Equipment Operator	Wash Rack Operator	Operator	Wash Rack Operator	Wash Rack Operator	Operator	Operator	Operator	Operator	Operator	Wash Rack Operator	Wash Rack Operator	Safety Supervisor	Heavy Equipment Operator	Landfill Supervisor	Operator	Location / Job	cn/655
	Owl-RamosZ	Owl-RosalezD	Owl-RosalezD	Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RosalezD	Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RosalezD	Owl-RosalezD	Owl-RamosZ	Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Manager	
J.	RANGE	86		<	CRISON	The Kills		Helmer Elle	25	,	~ \\\	X		Simus Cole			70.	You H Cody	JIB W	2.6.	A.C.	can/	1. B. Gind Succession	EB	SIR		CH	IX	Ed-Asil	Elister	Signature	

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Rivera Villa, Daniel A	Ramirez, Rudy A	Ramirez, Bryan	Ramos, Zachariah E	Ramos, Jeremiah D	Perez Marquez, Jeonadad	Peralta Tavara, Pedro	19 Peralta Tavara, Alvaro	Pena Martinez, Osmar	Payanes, Matteo R	Parra, Axl	Ornelas, Hector	Ornelas, Adan	Oblea Chumacero, Luis	Munoz, Andres	Montoya, Jairo	Minjarez, Julian	Medina, Yunisvel	Martinez, Humberto I	Matinez Castillo, Alain	_	Lopez, Isaias	ይ Liriano Diaz, Rodolfo L	Leon Castillo, Orlando	Jurado, Isai	Jacquez, Fernando	Hopson, Jeffrey D	94 Hernandez, Gerardo M	Hernandez, Armando	Heriberto, Duarte	Harter, Charles E	Grandos, Antonio	Gomez, Jorge A
2/27/2024	06/14/21	4/2/2024	10/1/2019	2/27/2024	09/18/23	11/02/23	10/16/23	5/30/2024	02/16/24	11/22/23	12/05/23	08/07/20	02/13/24	09/17/20	01/19/24	09/11/21	01/31/24	05/13/21	4/10/2024	05/05/23	4/18/2024	01/23/24	02/09/24	03/30/23	10/25/23	06/03/20	06/16/21	06/15/23	11/01/23	4/29/2024	4/1/2024	4/15/2024
Operator	Heavy Equipment Operator	Wash Rack Operator	President	Wash Rack Operator	Wash Rack Operator	Wash Rack Operator	Operator	Wash Rack Operator	Operator	Wash Rack Operator	Heavy Equipment Operator	Landfill Supervisor	Operator	Heavy Equipment Operator	Operator	Operator	Wash Rack Operator	Operator	Wash Rack Operator	Wash Rack Operator	Wash Rack Operator	Wash Rack Operator	Wash Rack Operator	Heavy Equipment Operator	Heavy Equipment Operator	Landfill Supervisor	Heavy Equipment Operator	Operator	Wash Rack Operator	Heavy Equipment Operator	Operator	Operator
Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RamosZ	Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RamosZ	Owl-RosalezD	Owl-RosalezD	Owl-RamosZ	Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RamosZ	Owi-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RosalezD
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	Zuniga, Jaime	Zubia Morales, Raul a	Vega, Yordanis	Valladolid, Jose	Torres, Alexander	Torres, Adrian	Thompson- Chouinard, Brian	Tellez, Dominique	Tavara Reyes, Canthy G	Tasis, Richard	Sanchez, Jorge	Rosalez, Ramon	Rosalez, Dorian L	Ronquillo, Jesus J	Ronquillo, Eleuterio	Romero Montero, Adrian	Rojas, Orlando	Rodriguez Gonzalez, Quetzalcoatl
	11/14/22	02/01/24	11/22/23	10/11/23	08/24/20	08/07/21	4/15/2024	12/30/2019	4/23/2024	11/22/23	08/11/23	11/04/21	8/7/2020	09/11/20	08/18/20	4/10/2024	06/01/22	4/15/2024
	Operator	Operator	Wash Rack Operator	Heavy Equipment Operator	Heavy Equipment Operator	Operator	Operator	Sales Manager	Operator	Heavy Equipment Operator	Heavy Equipment Operator	Maintenance Mechanic	Vice President	Heavy Equipment Operator	Heavy Equipment Operator	Wash Rack Operator	Operator	Wash Rack Operator
	Owl-RamosZ	Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RosalezD	Owl-RamosZ C	Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RamosZ	Owl-RamosZ	Owl-RamosZ	Owl-RosalezD	Owl-RosalezD
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- 23		_	-	7		-			_		19		-		j	_	X	

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	Fregudor	Eliens	12-04-24
Aguilar,Edwin	Supervisor	Ed-A-	12-4-24
Alvarado, Isaac	OPERATOK		12-4-24
Arcidez, Casey	Sarety Manager	M.	12-4-24
Martinez, Karel	1	Ur	
Batista, Dariel			
Borrego, Carralero Yordan			
Burciaga, Luis			6-5-24 A
Butler, Kalub	rales Everas	12	12-5- 24
Cabellos, Geraldine	the SHOT	Conditions	
Cabellos, Henry	Hot SHOT Super visor	from.	-12-5-24
Carballo, Javier			10-2-1
Jacomino-Cardosa Omar			
Hernandez-Carrera Juan			
Castillo, Omar	Omar Sando	2 12-	12-4-24
Chacon, Adan	Omar Sangae	VAC TRUCK	12-4-24
Alban-Chiroque Pedro	711201		10 / 1

Name	Job Title	Signature	Date
Cortez, Ginney		/	12-5-24 A
Cotton, Kai			12-5-29 Of
Deloera, Abram			12781 01
Denniston, Mike	2 Afteratur	mf	12/24/29
Duarte, Heriberto	a perades	15	12/24/29
Echavarria, Gustavo		100-1	12/4/24
Fabela, Eddy	MECHNYC HELPER		' '
Fabela, Fabian	Fasion Manager	Al fill	12-5-29
Falcon, Victor	1 as in 1 and sc	700	
Flores, Crispin			
Flores, Daniel			
Frias, Jonathan			
Gage, Brady	B. GAGE	Bray Cyo	12-5-24
Diaz, Yosvany		,,	10
Hernandez, Armando			
Hernandez, Gerardo		V	12-5-24
Hidalgo-Diaz Osmel			, ,
Hopson, Jeffrey			12-5-29
Jacquez, Fernando			" ) "
Liriano-Diaz Rodolfo			
Lopez,Ramiro	RAZAO LOPER	R. Lopez	12-5-24
Lopez, Isaias			

Name	Job Title	Signature	Date
Lopez, Jose	-	1 0	
Medina, Yunisvel	Fregator		12/04/24 -!
Minjarez, Julain			
Moberly, Nick		V	
Munoz, Andres			
Ornelas, Adan		✓	12-5-24
Parra, Axl		V	12-5-24 12-5-24
Payanes, Matteo		/	()-5-27
Pena-Martinez Osmar			12001
Peralta-Tavara Alvaro			
Perez-Marquez Jeonada	OPERADOR	Des	12.04-24
Quevedo-Diaz Yerandy			17
Ramirez, Rudy			
Ramos, Jeremiah			
Ramos, Zack	President	3	
Remon-Hildalgo Yoelvis			
Villa-Rivera Daniel	OFFIRE	and River	4-42+
Romero-Montero Adrian			
Ronquillo, Eleuterio			
Ronquillo, Jesus	Operator	Jesus Rongvillo	12-4-24
Rosalez, Ramon		Jan Vinger	
Rosalez, Dorian	VP	Ti-Plan	12-5-29

Name	Job Title	Signature	Date
Rosalez, Ramon JR			
Sanchez, Jorge			
Tavara-Reyes Canthy			
Tellez, Dominique	Sales	Danyi Celly	
Thompson, Brian		J. J.	
Torres, Adrian			
Torres, Alexander	OPEREDOR	0.452	12-4-24
Vallodolid, Jose	opertor	e on Villad"	12-4-24
Vega-Zamora Onelio	27 6.7		70
Vega, Yordanis			
Zubia-Morales Raul	Operador	Alem-26ia	12 - 4 - 24
Zuniga, Jaime			
Commin finance	Toesdon	20	12-4-24
-			

SAFETY
Safety Solutions, LLC.
Your Safety is Our Business

SALES ORDER

56120

Safety	Solut	ions,	LLC.
Your Safe	ety is O	ur Busii	ness

Company Name \_\_\_\_\_ SALES ORDER NO. \_\_\_\_\_

Midland, Texas 79706 P.O. Box 8210 (79708)

7116 W. I-20

Street Address \_\_\_\_\_

Office: 432-563-0400 Fax: 432-563-0406

City, ST Zip Code \_\_\_\_\_

AR@ss-tx.com

Phone \_\_\_\_\_

AN@ss-k.com			12. (%)	(40)
Job	Lease	WO#	P.0	).#
CAL! FIE	LANDRIL	424619		
QUANTITY	DESCRIPTION	ON	UNIT PRICE	LINE TOTAL
13	Catherators		3 25.00	325,00
12	Monthly FTE Frogrations		\$ 5.25	3 94.50
4	3.64 Pungle Lithium Batto	ny 1667-TL5935x	3999	2159.96
1120	mole	*	2.25	342.00

810.00 STAVICE SUBTOTAL Received by: SALES TAX Print Name: \_\_\_\_

TOTAL

Signature:

Invoice to Follow THANK YOU FOR YOUR BUSINESS!

			Z	1		Location:			Lang. LL		Received Jobsite:
		1	42	N 20	u	Month:	2		ا ا		by OCD: 9/ Customer:
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			1		720	499545131	ではある	Thriston .			M
			7		non	七か七与七191H	る数なら	RANGER			
VS - Valve Stem -			7		2023	H99545128	ではある	Am GREAT			
V - Valve			7		टाज	F97284587	Zodnesc	Amen BX			
TB - Tag Bag			7		7.073	たのからからなのう	70五平0	Professor 1			
S - Seal			1		700	H967801	20th	Amend .			
P - Pull Pin			(		7073	H96678490	Zallik	Amount			
OR - O-Ring			1		2022	H13727004.	Zo A ADC	Parones			
OL - Operating Label			1		2020	F97284589	Zothto Z	Brond			
N - Nozzel			7		2023	H26069269	公共介化	BADSON .		Coppe Co	,
MT - Metal Tag			1	-	2073	H 260692416	SHAN	Brocks		1100	1
L-Label		(Total	7		2000	F93820410 /	SHADO	AMERIX			
H-Hose			1		2015	B04199598 /	34460	Ans J	4		
HC - Hose Clip			1		7575	F93919956 - /	SHAW	Ansie			
GT - Gasket			1		2020	FA877 8241	- XAN	Por FARX			
G - Gage			7		2523	F88769467	104AGC	MACON X			
CC - Cartridge Cover			?		2020	F88769461	15HASC	MANONON			1.22.2024
C - CO2 Cartridge	Parts Used	Annual	Monthly Annual	Refill	HTD	Serial#	Model	Brand	License Plate#	Rig#	Date
24619	aff Sacretin		B	nber:	t Truck Number:	Service Ticket	1. 6.30	Tech Name:			Page 114 of 130

	X-1			Z'S	Location:		w.	Compall	1	Receive Jobsite:
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C - CO2 Cartridge	Parts Used	Monthly Annual	Refill Month	HTD R	Serial#	Model	Brand	License Plate#	Rig#	Date
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C - COZ Carriage	Parts Used	Annual	Monthly	Refill	НТВ	Serial#	Model	Brand	License Plate#	Rig#	Date
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C - CO2 Cartridge	Parts Used	Annual	Monthly Annual	Refill	HTD	Serial#	Model	Brand	License Plate#	Rig#	Date
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Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 506605

## **CONDITIONS**

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

## CONDITIONS

Created By		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