

NM1 - _____ 35 _____

**Facility Inspection
and**

Vadose Zone

Monitoring Report

February 2024

From: claykilmer@gmail.com
To: [Jones, Brad, EMNRD](#)
Cc: [lealand.sgrantham](#); ["Keith Gordon"](#); ["Geronimo Ontiveros"](#)
Subject: [EXTERNAL] Lea Land LLC February 2024 Facility Monitoring Reports
Date: Monday, March 25, 2024 2:41:44 PM
Attachments: [Transmit Lea Land LLC. FEB 2024 VZ-FCA REPORT.pdf](#)

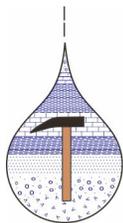
CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello Mr. Jones:

Attached is a file with transmittal and reports for February 2024 facility inspection and monitoring at the Lea Land LLC surface waste management facility. Please let me know if you have any questions or comments, or if you need further action from us on this.

Thanks,
Clay Kilmer





Clay Kilmer, LLC
Environmental Geoscience
Water Resources

March 25, 2024

Electronic Delivery

Mr. Brad Jones
Environmental Permitting Group
New Mexico Oil Conservation Division (OCD)
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, NM, 87505

**RE : Lea Land LLC, Surface Waste Management Facility
OCD Permit No. NM1-35
Transmittal of February 2024 Facility Inspection Report
and February 2024 Vadose Zone Monitoring Report**

Dear Mr. Jones:

Transmitted herein are copies of the Vadose Zone monitoring report and Facility Inspection Report for monitoring and inspection events conducted at the Lea Land LLC Surface Waste Management Facility in Lea County, New Mexico on February 29, 2024.

No free liquid, methane, hydrogen sulfide, or carbon monoxide were detected in any of the monitoring wells during the vadose zone monitoring event. No issues were identified relative to inspection parameters for the landfill, leachate and stormwater controls at the surface waste management facility.

Thanks very much for your effort to review this document. Please contact me with your questions and comments.

Sincerely,

A handwritten signature in blue ink that reads "Clay Kilmer". The signature is written in a cursive style.

Clay Kilmer
Sr. Hydrogeologist

Attachment: Lea Land LLC February 29, 2024 Facility Inspection Report
Lea Land LLC February 29, 2024 Vadose Zone Monitoring Report

cc: Stephanie Grantham, President, Lea Land, LLC.
Joe Ontiveros, Site Manager, Lea Land LLC
I Keith Gordon, P.E., IKG, LLC

Clay Kilmer LLC
3312 June Street, Northeast
Albuquerque, NM 87111
(505) 235-4482
claykilmer@gmail.com

Lea Land LLC
Surface Waste Management Facility
OCD Permit No. NM1-35

Inspection Form

Date: 2-29-24
 Others: _____

Print Name: GERONIMO DANTUSLOS
 Signature: _____

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
Berms and outside pond levees	✓	
Tank Labels	✓	
Sumps	✓	
Pond levels three-foot free board	✓	
Free oil on Pits-Ponds	N/A	
Pit and Pond condition	N/A	
Pit and Pond marker numbers	N/A	
Treatment Plant inspection	N/A	
Solid waste disposal area inspection	✓	
Blowing trash	✓	
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	(Monthly analysis required if yes)
Leak detection sumps - Evaporation Ponds - Liquid present?	N/A	(Monthly analysis required if yes)
Leak detection sumps - Jet Out Pit - Liquid present?	N/A	(Monthly analysis required if yes)
Leak detection sumps - Stab. & Solid. - Liquid present?	N/A	(Monthly analysis required if yes)
Landfill Leachate Sump	✓	
Vadose Zone Monitoring	✓	
Pond Sludge Depth	✓	

*Comments & Repairs: _____

H₂S

READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm):

POND	Reading (ppm)
1	
2	
3	
4	
5	
6	
7	N/A
8	
9	
10	
11	
12	

*In the event that a reading of 10 ppm is registered at the Facility, **IMPLEMENT THE CONTINGENCY PLAN!** Personnel will evacuate the area and operator will monitor H₂S levels downwind of the Pond.

If H₂S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

- | | | | |
|-------------------------|--------------|----------------|--------------|
| Lea Land Office | 575-887-4048 | NMOCD Hobbs | 575-393-6161 |
| New Mexico State Police | 575-392-5580 | NMOCD Santa Fe | 505-476-3440 |
| Eddy County Sheriff | 575-887-1888 | | |
| Lea County Sheriff | 575-397-3611 | | |

Receipt & Approval

Name: _____

Date: _____

2-29-24

Vadose Zone Well Monitoring Log

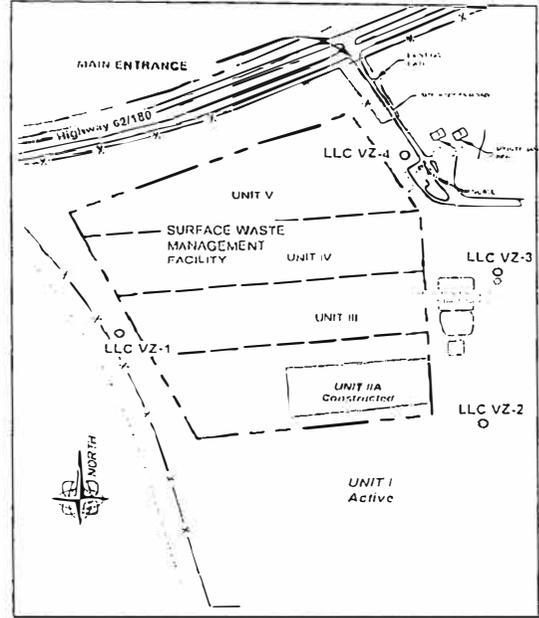
Lea Land LLC
 Surface Waste Management Facility
 Lea County, New Mexico

Date: 2-29-24

Monitored by: G. Ontiveros

Weather Information
 Date and Amount of Last Precipitation: .05 inches
 Current Temp: 38° °F
 Current Wind Speed: 9 mph
 Current Wind Direction: SSE
 Current Barometric Pressure: 30.25 in. Hg
 Barometric Pressure Trend: =

Gas Detection Equipment
 Monitoring Equipment Used: Gas Alert MAX
 Date and Time Last Calibrated: 2-29-24



Vadose Zone Well Vapor Data							
Vadose Zone Well Designation	Date	Time	Screen Interval Depth Below Top Casing (feet)	CH ₄ Concentration (% LEL)	H ₂ S (ppm)	O ₂ (%)	CO (%)
LLC VZ-1	2-29-24	8:01	27.75 - 37.75	0	0	20.9	0
LLC VZ-2	2-29-24	8:17	68.38 - 78.38	0	0	20.9	0
LLC VZ-3	2-29-24	8:40	50.57 - 60.57	0	0	20.9	0
LLC VZ-4	2-29-24	9:07	40.58 - 50.58	0	0	20.9	0
<i>supplemental data</i>							
Vadose Zone Well Fluid Measurements							
Vadose Zone Well Designation	Date	Time	Well Diameter (inch)	Total Well Depth Below Top of Casing (feet)	Fluid Level Below Top of Casing (ft)	Comments	
LLC VZ-1	2-29-24	8:01	2	37.75	—		
LLC VZ-2	2-29-24	8:17	2	78.38	—		
LLC VZ-3	2-29-24	8:40	2	60.57	—		
LLC VZ-4	2-29-24	9:07	2	50.58	—		
<i>supplemental data</i>							

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Action 328828

CONDITIONS

Operator: LEA LAND, LLC 1300 W Main St Oklahoma City, OK 73106	OGRID: 195376
	Action Number: 328828
	Action Type: [C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)

CONDITIONS

Created By	Condition	Condition Date
bjones	None	4/2/2024