

**NM1 - \_\_\_\_\_ 35 \_\_\_\_\_**

**Facility Inspection  
and  
Vadose Zone  
Monitoring Report**

**April 2024**

**From:** [claykilmer@gmail.com](mailto:claykilmer@gmail.com)  
**To:** [Jones, Brad, EMNRD](#)  
**Subject:** [EXTERNAL] Lea Land LLC April Reports - unprotected  
**Date:** Thursday, May 2, 2024 6:40:40 PM  
**Attachments:** [Transmit Lea Land LLC. APR. 2024 VZ-FCA REPORT REV 1.pdf](#)

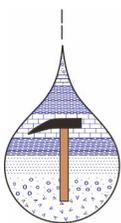
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**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

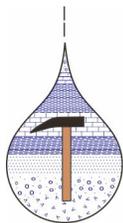
Hello Brad:

Attached is a revised April report for Lea Land LLC with protection turned off. Let me know if you there are any problems with this attachment. Sorry for the extra trouble.

Thanks,  
Clay



**Clay Kilmer, LLC**  
Environmental Geoscience  
Water Resources  
3312 June St. NE  
Albuquerque, NM 87111  
(505) 235-4482



Clay Kilmer, LLC  
Environmental Geoscience  
Water Resources

May 1, 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 April 2024 Facility Inspection Report  
and April 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 April 29<sup>th</sup> and April 30<sup>th</sup>, 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".

Clay Kilmer  
Sr. Hydrogeologist

Attachment: Lea Land LLC April 29, 2024 Facility Inspection Report  
Lea Land LLC April 30, 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: 4-29-24  
Others: \_\_\_\_\_

Print Name: Gerardus Cortinas  
Signature: \_\_\_\_\_  
Inspection will be in accordance with NMOCD operational conditions.

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

\*Comments & Repairs: \_\_\_\_\_

**H<sub>2</sub>S**

READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm):

POND	Reading (ppm)
1	NA
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, IMPLEMENT THE CONTINGENCY PLAN! Personnel will evacuate the area and operator will monitor H<sub>2</sub>S levels 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:

- |                         |              |                |              |
|-------------------------|--------------|----------------|--------------|
| 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: \_\_\_\_\_

### Vadose Zone Well Monitoring Log

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

Date: 4.30.24

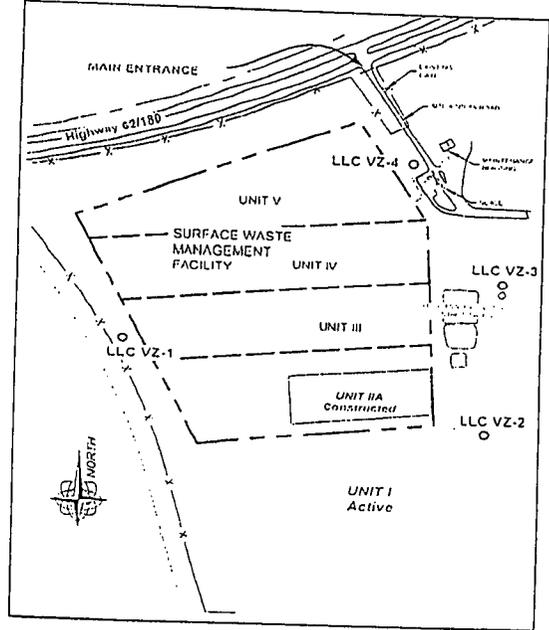
Monitored by: G. O. N. J. W. S.

**Weather Information**

Date and Amount of Last Precipitation: \_\_\_\_\_ inches  
 Current Temp: 88 °F  
 Current Wind Speed: 15 mph mph  
 Current Wind Direction: SSW  
 Current Barometric Pressure: 29.80 in. Hg  
 Barometric Pressure Trend: =

**Gas Detection Equipment**

Monitoring Equipment Used: Gas Alert Max  
 Date and Time Last Calibrated: 4.30.24



**Vadose Zone Well Vapor Data**

Vadose Zone Well Designation	Date	Time	Screen Interval Depth Below Top Casing (feet)	CH <sub>4</sub> Concentration (% LEL)	H <sub>2</sub> S (ppm)	O <sub>2</sub> (%)	CO (%)
LLC VZ-1	4.30.24	0800	27.75 - 37.75	0	0	20.7	0
LLC VZ-2	4.30.24	0821	68.38 - 78.38	0	0	20.7	0
LLC VZ-3	4.30.24	0839	50.57 - 60.57	0	0	20.7	0
LLC VZ-4	4.30.24	0901	40.58 - 50.58	0	0	20.7	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	4.30.24	0800	2	37.75	—	
LLC VZ-2	4.30.24	0821	2	78.38	—	
LLC VZ-3	4.30.24	0839	2	60.57	—	
LLC VZ-4	4.30.24	0901	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 340651

**CONDITIONS**

Operator: LEA LAND, LLC 1300 W Main St Oklahoma City, OK 73106	OGRID: 195376
	Action Number: 340651
	Action Type: [C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)

**CONDITIONS**

Created By	Condition	Condition Date
bjones	None	5/3/2024