

Clay Kilmer, LLC  
Environmental Geoscience  
Water Resources

December 27, 2024

Electronic Delivery

Mr. Joseph Kennedy  
New Mexico Oil Conservation Division  
Environmental Bureau  
1220 South St Francis Dr.  
Santa Fe, New Mexico 87505

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

Dear Mr. Kennedy:

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 December 26, 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 December 26, 2024, Facility Inspection Report  
Lea Land LLC December 26, 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: 12-26-24  
Others: \_\_\_\_\_

Print Name: \_\_\_\_\_  
Signature: *GERARD O'NEILL*

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	N/A	
Pit and Pond marker numbers	N/A	
Treatment Plant inspection	N/A	
Solid waste disposal area inspection	N/A	
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	N/A	(Monthly analysis required if yes)
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

1	N/A
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

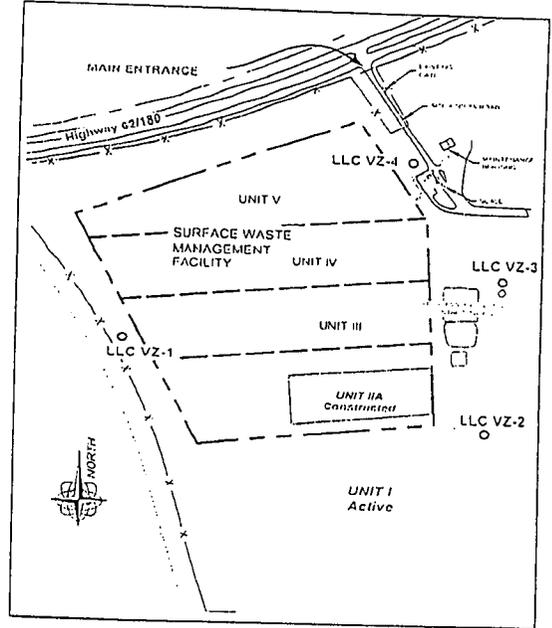
Lea Land LLC  
 Surface Waste Management Facility  
 Lea County, New Mexico

Date: 12-26-24

Monitored by: G. Ontiveros

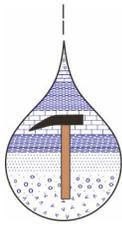
Weather Information  
 Date and Amount of Last Precipitation: N/A inches:  
 Current Temp: 50° °F  
 Current Wind Speed: 6 mph  
 Current Wind Direction: E  
 Current Barometric Pressure: 29.85 in. Hg  
 Barometric Pressure Trend: ↓

Gas Detection Equipment  
 Monitoring Equipment Used: Gas Alert Max  
 Date and Time Last Calibrated: 12-26-24



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	12-26-24	9:02	27.75 - 37.75	0	0	20.9	0
LLC VZ-2	12-26-24	9:20	68.38 - 78.38	0	0	20.9	0
LLC VZ-3	12-26-24	9:39	50.57 - 60.57	0	0	20.9	0
LLC VZ-4	12-26-24	9:57	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	12-26-24	9:02	2	37.75	0	
LLC VZ-2	12-26-24	9:20	2	78.38	0	
LLC VZ-3	12-26-24	9:39	2	60.57	0	
LLC VZ-4	12-26-24	9:57	2	50.58	0	
<i>supplemental data</i>						



Clay Kilmer, LLC  
Environmental Geoscience  
Water Resources

March 3, 2025

Electronic Delivery

Mr. Joseph Kennedy  
New Mexico Oil Conservation Division  
Environmental Bureau  
1220 South St Francis Dr.  
Santa Fe, New Mexico 87505

**RE : Lea Land LLC, Surface Waste Management Facility  
OCD Permit No. NM1-35  
Transmittal of February 2025 Facility Inspection Report  
and February 2025 Vadose Zone Monitoring Report**

Dear Mr. Kennedy:

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 28, 2025.

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 February 28, 2025, Facility Inspection Report  
Lea Land LLC February 28, 2025, 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: 2-28-25

Print Name: GERONIMO OUTINOS

Others: \_\_\_\_\_

Signature: \_\_\_\_\_

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	/	
Berms and outside pond levees	/	
Tank Labels	/	
Sumps	/	
Pond levels three-foot free board	/	
Free oil on Pits-Ponds	/	
Pit and Pond condition	2/2	
Pit and Pond marker numbers	2/2	
Treatment Plant inspection	2/2	
Solid waste disposal area inspection	2/2	
Blowing trash	/	
Fences and Gates	/	
Leak detection sumps - Landfill - Liquid present?	/	(Monthly analysis required if yes)
Leak detection sumps - Evaporation Ponds - Liquid present?	/	(Monthly analysis required if yes)
Leak detection sumps - Jet Out Pit - Liquid present?	2/2	(Monthly analysis required if yes)
Leak detection sumps - Stab. & Solid. - Liquid present?	2/2	(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
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, 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

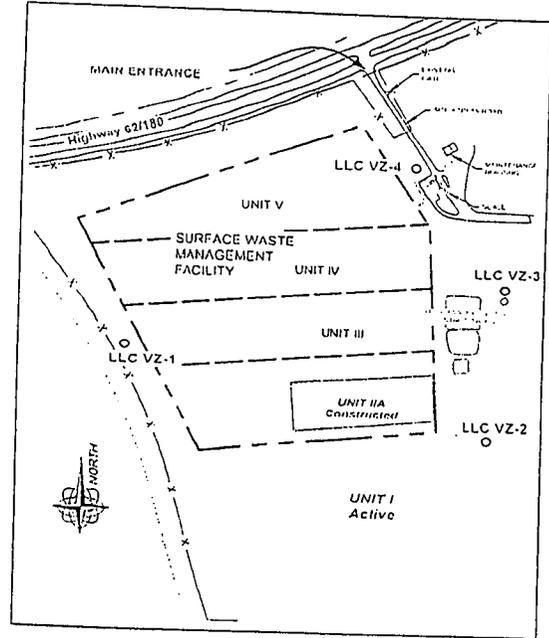
Lea Land LLC  
 Surface Waste Management Facility  
 Lea County, New Mexico

Date: 2-28-25

Monitored by: G. ONTANOS

Weather Information  
 Date and Amount of Last Precipitation: 0 inches  
 Current Temp: 72 °F  
 Current Wind Speed: 12 mph  
 Current Wind Direction: WSW  
 Current Barometric Pressure: 30.03 n. Hg  
 Barometric Pressure Trend: ↑

Gas Detection Equipment  
 Monitoring Equipment Used: Gas Alert Max II  
 Date and Time Last Calibrated: 2/28/25



#### 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		9:03	27.75 - 37.75	0	0	20.7	0
LLC VZ-2		9:21	68.38 - 78.38	0	0	20.7	0
LLC VZ-3		9:42	50.57 - 60.57	0	0	20.9	0
LLC VZ-4		9:58	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		9:03	2	37.75	0	
LLC VZ-2		9:21	2	78.38	0	
LLC VZ-3		9:42	2	60.57	0	
LLC VZ-4		9:58	2	50.58	0	
<i>supplemental data</i>						

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 416418

**CONDITIONS**

Operator: LEA LAND, LLC 1300 W Main St Oklahoma City, OK 73106	OGRID: 195376
	Action Number: 416418
	Action Type: [C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)

**CONDITIONS**

Created By	Condition	Condition Date
joseph.kennedy	None	3/10/2025