

Data Base Summary (Statement of Basis)

TV Permit

Type of Permit Action: New Title V

PSD or Not	Minor or Title V	Portable or Not
Minor (not PSD)	Minor-Title V	Stationary

Facility: Lea (County of) - Landfill
Company: Lea County Solid Waste Authority
Facility Type: SOLW-Landfill/Municipal
Permit No. (NSR) N/A
Operating Permit No. (TV) P298L
Agency Interest No. 3947 - PRT20200001
AIRS ID No. 350251932
SIC CODE: 4953
Permit Writer: Urshula Bajracharya

Application Notarized Date: September 14, 2020
Receive Date: September 18, 2020
Timeliness of TV Application: **Yes**
Ruled Incomplete: NR
Ruled Complete: November 16, 2020
APP. sent to Field Office: Enter date
Public involvement Plan (PIP): TBD
PSD APP. Sent to EPA: N/A
Public Notice Date & Newspaper: TBD
Comments Due: TBD
Analysis Review Begins: NR
Analysis Review Ends: NR
Public Hearing: Enter date
Proposed Permit to EPA Acknowledged: TBD
Permit Due: May 18, 2022
Permit Issued: TBD
PSD Permit to EPA: Enter date

Facility Location: 3219 E State Rd 234
UTM Zone: 13 **Datum:** NAD83
UTM Easting: 681,540 meters
UTM Northing: 3,588,940 meters
Elevation: 3435
County: Lea
In a Sensitive Area: No

Contact Name: Lorenzo Velasquez
Phone: 575-391-2983
Fax: N/A

Email: lvelasquez@leacounty.net

Contact Address: 100 North Main Street
Suite 4
Lovington, NM 88260

Consultant Name: Parkhill
Phone: 505-867-6990
Fax: N/A
Email: mcrepeau@parkhill.com

Consultant Address: 333 Rio Rancho Blvd
Suite 400
Rio Rancho, NM 87124

Title V Affected Program* Notification:

Affected Program	Distance	Units	Date Letter Sent
State of Texas	0	Km	

*As defined by 20.2.70.7.B: All States, local air pollution control programs, and Indian Tribes and Pueblos, that are within 50 miles (80.5 km) of the source.

Part II – Facility Specifications

Table 102.A: Total Pollutant Emissions from Entire Facility:

Pollutant	Emissions (tons per year)	Emission Type	Change in Emission since Permit XXX
VOC	25.8	Allowable	N/A
PM	110.8	Allowable	N/A
PM ₁₀	30.1	Allowable	N/A
PM _{2.5}	2.97	Allowable	N/A
Greenhouse Gas (GHG) as CO ₂ e	36,144.5	Potential	N/A

Note: Total Potential Pollutant Emissions in Table 102.A, may include fugitive emissions; routine or predictable, startup, shutdown, and maintenance emissions (SSM); and permitted malfunction allowances if these are a sources of regulated air pollutants from this facility.

Table 102.B: Total Potential Hazardous Air Pollutants (HAPs)* and State Toxic Air Pollutants (TAPs)

Pollutant	Emissions (tons per year)	Emission Type	Change in Emission since Permit XXX
Benzene	9.5	Potential	N/A
Ethylene	9.5	Potential	N/A
Toluene	9.5	Potential	N/A
Xylenes	9.5	Potential	N/A

Table 102.B: Total Potential Hazardous Air Pollutants (HAPs)* and State Toxic Air Pollutants (TAPs)

Pollutant	Emissions (tons per year)	Emission Type	Change in Emission since Permit XXX
Total	25.5	Potential	N/A

* HAP emissions are included in the Table 102.A VOC emissions total.

** Total HAP emissions may not agree with the sum of individual HAPs because only individual HAPs emitted at a rate greater than 1.0 ton per year are listed in Table 102.B.

Unit # (Subject Item ID)	SI Description	Primary	Control Equipment Mfg & model (or equivalent)
1	Landfill Roads	Water Tank	
2	General Landfill Operations	Application of Pavement	

Equipment Specifications (Active/Alternative):

Unit No.	Unit Type	Make	Model No.	Serial No.	Yr of Construction	Yr of Manufacture	Operating Rate Max/Site	Operating Capacity Max/Site	Subject Item Status	Subject Item Description
1	Landfill Roads	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Active	Landfill Roads
2	General Landfill Operations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Active	General Landfill Operations
3	Landfill Gas	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Active	Landfill Gas
4	Petroleum Contaminated Soils Landfarm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Active	Petroleum Contaminated Soils Landfarm

Equipment Specifications (Inactive/Retired/Removed):

Unit No.	Unit Type	Make	Model No.	Serial No.	Yr of Construction	Yr of Manufacture	Operating Rate Max/Site	Operating Capacity Max/Site	Subject Item Status	Subject Item Description
N/A										

Emissions: Pollutant **Permitted** (Allowable and SSM) Emissions per piece of equipment or Subject Item as represented by applicant.

Unit No.	NO _x (pph)	¹ NO _x (tpy)	CO (pph)	CO (tpy)	VOC (pph)	VOC (tpy)	SO ₂ (pph)	SO ₂ (tpy)	TSP (pph)	TSP (tpy)	PM ₁₀ (pph)	PM ₁₀ (tpy)	PM _{2.5} (pph)	PM _{2.5} (tpy)	H ₂ S (pph)	H ₂ S (tpy)

1	0	0	0	0	0	0	0	0	69.6	94.4	18.8	25.5	1.9	2.5	0	0
2	0	0	0	0	0	0	0	0	31.8	16.4	8.7	4.6	<	<	0	0
3	0	0	0	0	<	4.0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	5.0	21.9	0	0	0	0	0	0	0	0	0	0
Totals	0	0	0	0	5.9	25.8	0	0	101.4	110.8	27.5	30.1	2.8	3.0	0	0

1 Nitrogen dioxide emissions include all oxides of nitrogen expressed as NO₂.

2 Title V annual fee assessments are based on the sum of allowable tons per year emission limits in Sections A106 and A107.

3 Compliance with emergency flare emission limits is demonstrated by limiting combustion to pilot and/or purge gas only.

“-” indicates the application represented emissions are not expected for this pollutant.

“<” indicates that the application represented the uncontrolled mass emission rates are less than 1.0 pph. or 1.0 tpy. for this emissions unit and this air pollutant. The Department determined that allowable mass emission limits were not required for this unit and this pollutant.

“*” indicates hourly emission limits are not appropriate for this operating situation.

POTENTIAL HAPS EMISSIONS FROM TEMPO, Table has the most common HAPS – it is not inclusive of all HAPS that might be entered in TEMPO. All emissions are in tons/year

Unit No.	Total HAPS (tpy)	Benzene (tpy)	Toluene (tpy)	Ethylbenzene (tpy)	Xylene (tpy)
1	-	-	-	-	-
2	-	-	-	-	-
3	2.62	0.04	0.90	0.12	0.32
4	21.88	9.46	8.60	9.38	9.18
TOTAL*	24.5	9.5	9.5	9.5	9.5

* Totals are for information only and may not match the totals in the table “TOTAL HAPS and NM TAPS”