

Fact Sheet



For Final Renewal Permitting Action Under 45CSR30 and Title V of the Clean Air Act

Permit Number: **R30-10300034-2017**
Application Received: **May 11, 2016**
Plant Identification Number: **03-54-103-00034**
Permittee: **Lackawanna Transport Company**
Facility Name: **dba Wetzel County Sanitary Landfill**
Mailing Address: **Route 1, P. O. Box 156A, New Martinsville, WV 26155**

Physical Location: New Martinsville, Wetzel County, West Virginia
UTM Coordinates: 512.33 km Easting • 4383.75 km Northing • Zone 17
Directions: From the city of New Martinsville take Route 2 South. Go one mile south. Turn left onto Rt. 180 to the landfill.

Facility Description

The Lackawanna Transport Company dba Wetzel County Sanitary Landfill (WCSL) (NAICS 562212, SIC 4953) is a non-hazardous municipal solid waste (MSW) landfill that began operation in 1960. The facility is a 238-acre municipal solid waste landfill. The disposal area is 139 acres. The maximum monthly tonnage accepted is 9,999 tons/month. The landfill accepts municipal solid waste, asbestos, construction/demolition debris (CDD), and approved residual waste. There is also a biosolids composting facility at the landfill, which has been in operation since 2001.

Emissions Summary

Plantwide Emissions Summary [Tons per Year]		
Regulated Pollutants	Potential Emissions	2015 Actual Emissions
Carbon Monoxide (CO)	18.60	0.95
Nitrogen Oxides (NO _x)	10.65	3.13
Particulate Matter (PM _{2.5})	1.278	0.96

Plantwide Emissions Summary [Tons per Year]

Regulated Pollutants	Potential Emissions	2015 Actual Emissions
Particulate Matter (PM ₁₀)	8.52	6.35
Total Particulate Matter (TSP)	50	6.35
Sulfur Dioxide (SO ₂)	14.59	0.01
Volatile Organic Compounds (VOC)	36.22	8.70

PM₁₀ is a component of TSP.

Hazardous Air Pollutants	Potential Emissions	2015 Actual Emissions
1,1,2- Trichloroethane	0.06	0.04
Acrylonitrile	0.10	0.07
Benzene	0.05	0.03
Carbon Disulfide	0.02	0.02
Carbon Tetrachloride	0.01	0.0
Carbonyl Sulfide	0.01	0.01
Chlorobenzene	0.08	0.01
Chloroform	0.01	0.01
Ethyl Benzene	0.14	0.11
Ethyl Chloride	0.03	0.02
Ethylene Dichloride	0.02	0.01
Ethylidene Dichloride	0.07	0.05
Hexane	0.17	0.12
Mercury	0.01	0.0
Methyl Chloroform	0.02	0.01
Methyl Isobutyl Ketone	0.06	0.04
Methylene Chloride	0.34	0.26
Propylene Dichloride	0.01	0.01
Tetrachloroethylene	0.18	0.13
Toluene	1.02	0.79
Trichloroethylene	0.11	0.08
Vinyl Chloride	0.13	0.10
Vinylidene Chloride	0.01	0.01

Plantwide Emissions Summary [Tons per Year]		
Hazardous Air Pollutants	Potential Emissions	2015 Actual Emissions
Xylene	0.36	0.28
Total HAPs	2.70	2.19

Some of the above HAPs may be counted as PM or VOCs.

Title V Program Applicability Basis

The facility has a design capacity over 2.5 million megagrams and 2.5 million cubic meters. Therefore, Lackawanna Transport Company d/b/a Wetzel County Sanitary Landfill (WCSL) is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

This facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR6	Open burning prohibited.
	45CSR11	Standby plans for emergency episodes.
	45CSR13	Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits, and Procedures for Evaluation
	45CSR16	Standards of Performance for New Stationary Sources Pursuant to 40 C.F.R. Part 60
	45CSR23	To Prevent and Control Emissions from Municipal Solid Waste Landfills
	WV Code § 22-5-4 (a) (14)	The Secretary can request any pertinent information such as annual emission inventory reporting.
	45CSR30	Operating permit requirement.
	45CSR34	Emission Standards for Hazardous Air Pollutants
	40 C.F.R. Part 60 Subpart OOO	Standard of Performance for Nonmetallic Mineral Processing Plants
	40 C.F.R. Part 60 Subpart WWW	Standard of Performance for Municipal Solid Waste Landfills
	40 C.F.R. Part 61	Asbestos inspection and removal
	40 C.F.R. Part 63 Subpart AAAA	National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills
	40 C.F.R. Part 63 Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
	40 C.F.R. Part 82, Subpart F	Ozone depleting substances
State Only:	45CSR4	No objectionable odors.

45CSR17

To Prevent and Control Particulate Matter
Air Pollution from Materials Handling,
Preparation, Storage and other sources of
Fugitive Particulate Matter

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-2463	May 15, 2002	
R13-2476A	December 17, 2004	
R13-2731	May 7, 2007	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table," which may be downloaded from DAQ's website.

Determinations and Justifications

Since R30-10300034-2012 was issued, no changes have been made to the WCSL Title V Permit.

The following updates were made in this renewal.

Section 4.0 Landfill and Primary and Secondary Clarifiers

- Removed condition 4.5.3 from this section since the SSM reports relate to the active gas collection system which is in Section 5.0 and is it is a duplicate of condition 5.5.2.
- There were no changes to this section since all applicable requirements from 40 C.F.R. 60 Subpart WWW were already included and there were no changes made to 40 C.F.R. 60 Subpart WWW since the issuance of the Title V permit renewal in 2012.

Section 5.0 Flare (F1)

- There were no changes to this section since all applicable requirements were already included and there were no changes made to R13-2731, the applicable state rules, or federal regulations since the issuance of the Title V permit renewal in 2012.

Section 6.0 Rock Crushing and Screening Operations

- Split old Title V Condition 6.3.4 into two Conditions, 6.3.4 and 6.3.5.

- There were no other changes to this section since all applicable requirements were already included and there were no changes made to R13-2463, the applicable state rules, or federal regulations since the issuance of the Title V renewal permit in 2012.

Section 7.0 Screening (1S), Active Composting (2S), Pretreatment Biofilter (PT Biofilter), and Main Biofilter (1C)

- There were no changes to this section since all applicable requirements were already included and there were no changes made to R13-2476A or the applicable state rules since the issuance of the Title V permit renewal in 2012.
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Section 8.0 Stationary Reciprocating Internal Combustion Engine (13S)

- Updated the requirements of 40 C.F.R. 63 Subpart ZZZZ. The applicable requirements for DG1, an existing non-emergency CI engine >500 HP at an area source of HAPs, are as follows: 40 C.F.R. §63.6595(a)(1), 40 C.F.R. §63.6603(a), and Tables 2d and 2b of 40 C.F.R. 63 Subpart ZZZZ, 40 C.F.R. §63.6604(a), 40 C.F.R. §63.6605, 40 C.F.R. §63.6630(a); and Table 5 of 40 C.F.R. 63 Subpart ZZZZ, 40 C.F.R. §63.6630(c), 40 C.F.R. §§63.6640 (a), (b), and (e), 40 C.F.R. § 63.6665, 40 C.F.R. §§63.6625(a), (b), (g), and (h), 40 C.F.R. §63.6635, 40 C.F.R. §63.6612, 40 C.F.R. §63.6615, and Table 3 of 40 C.F.R. 63 Subpart ZZZZ, 40 C.F.R. §§63.6620(a), (b), (d), (e), (f), (g), (h), and (i), 40 C.F.R. §63.6630(b), 40 C.F.R. §§63.6655(a), (b), and (d), Table 6 of 40 C.F.R. 63 Subpart ZZZZ, 40 C.F.R. §63.6645(a)(2), , 40 C.F.R. §63.6645(g) and (h), 40 C.F.R. §§63.6650(a), (b), (c), (d), (e), and (f).

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

40 C.F.R. §60.757(a)(3) - The design capacity of this facility is greater than 2.5 million megagrams and 2.5 million cubic meters. Therefore, amended design capacity reports are not required.

40 C.F.R. 60 Subpart XXX - Standards of Performance for Municipal Solid Waste Landfills That Commenced Construction, Reconstruction, or Modification After July 17, 2014. This subpart does not apply to the facility since it has not been constructed, reconstructed or modified after July 17, 2014.

40 C.F.R. Part 64 - This is the third permit renewal for this facility. The facility was found not to be subject to CAM at the time of the first renewal since the facility did not have any pollutant specific emissions units (PSEU) that satisfied all of the applicability criteria requirements of 40 CFR § 64.2 (a), and there have been no changes at the facility that have triggered CAM applicability since.

Request for Variances or Alternatives

None.

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date: Wednesday, March 1, 2017
Ending Date: Friday, March 31, 2017

Point of Contact

All written comments should be addressed to the following individual and office:

Robert Mullins
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 1243 • Fax: 304/926-0478
Robert.A.Mullins@wv.gov

Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Response to Comments (Statement of Basis)

Not applicable.