

Fact Sheet



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

Permit Number: **R30-03300129-2006**
Application Received: **February 22, 2006**
Plant Identification Number: **03-54-03300129**
Permittee: **S & S Grading, Inc.**
Facility Name: **S & S Landfill**
Mailing Address: **Route 5, P.O. Box 559, Clarksburg, WV 26301**

Physical Location: Clarksburg, Harrison County, West Virginia
UTM Coordinates: 551.08 km Easting • 4341.24 km Northing • Zone 17
Directions: From I-79 take Exit 110. Follow Route 270 west towards West Milford. Go through West Milford to the junction with US Route 19. Turn right onto US Route 19 north. Follow for approximately 1.5 miles to landfill.

Facility Description

The S & S Grading, Inc. S & S Landfill (NAICS 562212, SIC 4953) is a 65.87 acre municipal solid waste landfill that began operation in 1975. S&S receives approximately 120,000 tons of waste per year. The S & S Landfill has a design capacity of 5,517,700 Mg of which approximately 925,900 Mg has been capped and closed, 1,915,100 Mg is currently active, and 2,640,700 Mg for the future use.

Emissions Summary

Plantwide Emissions Summary [Tons per Year]		
Criteria Pollutants	Potential Emissions	2004 Actual Emissions
Carbon Monoxide (CO)	Not Applicable	None
Nitrogen Oxides (NO _x)	Not Applicable	None
Particulate Matter (PM ₁₀)	100	59.72
Total Particulate Matter (TSP)	100	59.72
Sulfur Dioxide (SO ₂)	Not Applicable	None
Volatile Organic Compounds (VOC)	50	8.3884
Lead (Pb)	Not Applicable	None
<i>PM₁₀ is a component of TSP.</i>		
Regulated Pollutants other than Criteria and HAP	Potential Emissions	2004 Actual Emissions
Non Methane Organic Compounds (NMOC)	20.30 Mg	14.48 Mg
Hydrogen Sulfide	2	0.3774
Class I and Class II	0.1	0.0202
Hazardous Air Pollutants	Potential Emissions	2004 Actual Emissions
Total	9	2.1.2681
<i>Some of the above HAPs may be counted as PM or VOCs.</i>		
<p>Non-methane organic compounds (NMOC) – The current emission rate estimate (calculated for year 1999) is 0.28 Mg/yr. The projected closure year is 2060 with a projected maximum NMOC emission rate estimate of 20.30 Mg/yr. The NMOC emission rate estimates were calculated using EPA's Landfill Gas Emissions Model (LandGEM) software. The values used for k and L_o were 0.0306 year⁻¹ and 170 m³/Mg respectively. The site specific NMOC concentration used in the model was 440 ppmv.</p>		

Title V Program Applicability Basis

This facility has a design capacity over 2.5 million megagrams and 2.5 million cubic meters. Due to this facility's design capacity, Disposal Service, Inc. Landfill 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	New Source Review permits for stationary sources
	45CSR16	New Source Performance Standards

	45CSR17	To Prevent and Control Particulate Matter Air Pollution from Materials Handling, Preparation, Storage and other sources of Fugitive Particulate Matter
	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.
	40 C.F.R. Part 60 Subpart Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984
	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 82, Subpart F	Ozone depleting substances
State Only:	45CSR4	No objectionable odors.

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft 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, 45CSR15, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (if any)
R30-03300129-1996	August 22, 2001	PD02-069; Issued: April 18, 2002
		Soil screening machinery. Permit not Required.

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 B," which may be downloaded from DAQ's website.

Determinations and Justifications

The only change to the August 22, 2001 Title V Permit was a permit determination. The permit determination was for the use of soil screening operation. A permit was not required.

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. Part 64
(10/22/1997)

The facility does not have a pollutant specific emissions unit with a control device to meet an applicable standard or limit. Therefore, the facility is not subject to the Compliance Assurance Monitoring (CAM) rule.

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: March 20, 2006
Ending Date: April 19, 2006

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

Wayne Green
Title V Permit Writer
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304

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.

Point of Contact

Wayne Green
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. (1258) • Fax: 304/926-0478

Response to Comments (Statement of Basis)

Not applicable