

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
FIELD OPERATIONS - BUREAU OF AIR QUALITY

**OPERATING PERMIT**

**Amended**

1/27/2004

In accordance with provisions of the Air Pollution Control Act, the act of January 8, 1960, P.L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the Rules and Regulations of the Department of Environmental Protection, the Department hereby issues this permit for the operation of the air contamination source(s) described below:

<b>Permit No.</b>	<u>OP-46-0033</u>	<b>Source(s)</b>	<u>Landfill without Eastern Expansion</u>
<b>Owner</b>	<u>Waste Management Disposal Services of Pennsylvania, Inc. (Pottstown Landfill)</u>	<b>Air</b>	<u>Two Turbines Two Enclosed Flares</u>
<b>Address</b>	<u>1425 Sell Road</u>	<b>Cleaning</b>	<u></u>
	<u>Pottstown, PA 19464</u>	<b>Device</b>	<u></u>
<b>Attention</b>	<u>Mr. Gary Von Stetina</u>	<b>Location</b>	<u>1425 Sell Road</u>
	<u>Senior Environmental Engineer</u>		<u>West Pottsgrove Township</u>
			<u>Montgomery County</u>
			<u>Douglass Township</u>
			<u>Berks County</u>

This permit is subject to the following conditions:

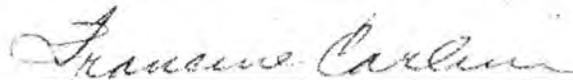
1. That the source(s) and any associated air cleaning devices are to be:
  - a. operated in such a manner as not to cause air pollution;
  - b. in compliance with the specifications and conditions of Plan Approvals;
  - c. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.

(SEE ADDITIONAL CONDITIONS ATTACHED)

Failure to comply with the conditions placed on this permit is a violation of Section 127.444. Violation of this or any other provision of Article III of the Rules and Regulations of the Department of Environmental Protection will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued April 20, 1999

Expires ~~April 20, 2004~~



Francine Carlini  
Regional Manager  
Air Quality

cc: Division of Permits - RCSOB  
Administration  
SEFO  
Re (RN03AQ)16-19

OPERATING PERMIT CONDITIONS  
PERMIT NO. **OP-46-0033**  
WASTE MANAGEMENT DISPOSAL SERVICES OF PENNSYLVANIA, INC.  
(POTTSTOWN LANDFILL.)  
(Amended)

1/27/2004

**CONDITIONS (continued):**

3. This Operating Permit is issued to Waste Management Disposal Services of Pennsylvania, Inc. (Pottstown Landfill) in part to identify Reasonably Available Control Technology (RACT) for the operation of their NO<sub>x</sub> and VOC emitting sources located, in part, in West Pottsgrove Township, Montgomery County, and, in part, in Douglass Township, Berks County.
7. The Landfill
- E. The collection efficiency of the gas management system for the final design of the landfill at closure shall not be less than a minimum of 90 percent.
9. The Turbines
- D. The turbines shall be operated to reduce NMOC present in the collected landfill gas, by 98 weight percent, or reduce the outlet NMOC concentration to less than 20 ppmv on a dry basis as hexane at three percent oxygen, whichever is less stringent.
10. Emission Limits
- B. Turbines
2. Emissions of NO<sub>x</sub> from each of the turbines shall be limited to
- a. 42 ppmv (expressed as NO<sub>2</sub> at 15 percent oxygen on dry basis)
13. Stack Test
- A. Within one hundred and eighty (180) days after receiving this Operating Permit, the owner/operator shall conduct stack tests on the turbines in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department. The stack tests shall be performed to determine the emission rates of NO<sub>x</sub> and VOC in ppmv and pounds per hour while operating at the maximum rated capacity. Tests shall also be performed to determine the destruction efficiency of the turbines for VOC.
- B. At least thirty (30) days prior to the test, Regional Air Quality Manager shall be informed of the date and time of the test.
- C. At least thirty (30) days prior to the test, the company shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.
- D. Within thirty (30) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.