

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

**GENERAL PLAN APPROVAL AND/OR GENERAL OPERATING PERMIT
(BAQ-GPA/GP-22)**

Landfill Gas-fired Simple Cycle Turbine(s)

1. Statutory Authority and General Description:

In accordance with Section 6.1(f) of the Air Pollution Control Act, 35 P.S. § 4006.1(f), and 25 *Pa. Code* §§ 127.514 (relating to general operating permits at Title V facilities) and 127.611 (relating to general plan approvals and general operating permits), the Department of Environmental Protection (“Department”) hereby issues this General Plan Approval and/or General Operating Permit for Landfill Gas-fired Simple Cycle Turbine(s) (hereinafter referred to as “General Permit”).

2. Applicability/Source Coverage Limitations:

This General Permit authorizes construction, operation, and modification of any landfill gas-fired turbine(s) rated at 1000 horsepower or 10.7 gigajoules per hour or greater.

This General Permit serves as both a general plan approval and the general operating permit for landfill gas-fired turbine(s).

This General Permit has been established in accordance with the provisions in 25 *Pa. Code* Chapter 127, Subchapter H (relating to general plan approvals and operating permits). If the landfill gas-fired turbine(s) at the facility cannot be regulated by the requirements of this General Permit, a Plan Approval and/or an Operating Permit issued in accordance with 25 *Pa. Code* Chapter 127, Subchapter B (relating to plan approval requirements) and/or Subchapter F (relating to operating permit requirements) will be required or if the facility is a Title V facility, a Title V Operating Permit issued in accordance with Subchapters F and G (relating to Title V operating permits) will be required. Any owner or operator replacing a combustor, alone or as part of a turbine core replacement, that does not meet the requirements of Condition 6 of this General Permit shall apply for a plan approval that meets the requirements of 25 *Pa. Code*, Chapter 127, Subchapter B (relating to plan approval requirements). A turbine core includes the compressor section, combustor, and turbine section of a turbine compressor engine.

Plan Approval:

This General Permit authorizes the construction of landfill gas-fired turbine(s) that meet the best available technology (BAT) required under 25 *Pa. Code* §§ 127.1 and 127.12(a)(5) provided the respective construction is not subject to the requirements of 25 *Pa. Code* Chapter 127, Subchapter D (relating to prevention of significant deterioration), or 25 *Pa. Code* Chapter 127, Subchapter E (relating to new source review). For purposes of this General Permit, BAT for any landfill gas-fired turbine shall include the installation and operation of available control measures that reduce emissions to the limitations described in Condition 8 of this General Permit.

Operating Permit:

This General Permit authorizes the operation of landfill gas-fired turbine(s) unless the respective operation is located in a facility which is subject to the requirements of 25 Pa. Code Chapter 127, Subchapter F, or 25 Pa. Code Chapter 127, Subchapters F and G. A landfill gas-fired turbine which is constructed under this General Permit and located in a facility which is subject to the requirements of 25 Pa. Code Chapter 127, Subchapter F, or 25 Pa. Code Chapter 127, Subchapters F and G, may however be operated under this General Permit on a temporary basis until such time as the operating permit required pursuant to 25 Pa. Code Chapter 127, Subchapter F, or 25 Pa. Code Chapter 127, Subchapters F and G, has been obtained or amended to include the terms and conditions of this General Permit.

Once authorization to use this General Permit is granted, operation may proceed provided that the permittee notifies the Department in accordance with either Condition 6 or 7, as appropriate.

The owner or operator of any landfill gas-fired turbine(s) located at a "Title V facility" as defined in 25 Pa. Code § 121.1 shall comply with the requirements of 25 Pa. Code § 127.514.

3. Application for Use:

Pursuant to 25 Pa. Code § 127.621 (relating to application for use of general plan approvals and general operating permits), any person proposing to construct and/or operate landfill gas-fired turbine(s) under the General Permit shall make application to the Department using the landfill gas-fired turbine(s) General Permit application form provided by the Department and shall receive written authorization from the Department prior to using this General Permit. This form shall be accompanied by the appropriate application fee and any additional forms and information as may be specified or requested by the Department and shall be submitted to the Regional Department Office responsible for authorizing the use of this General Permit in the county in which the respective landfill gas-fired turbine(s) is to be constructed and/or operated. The Department will take action on the application within thirty (30) days of receipt.

Any owner or operator replacing a turbine core that does not meet the requirements of Condition 6 of this General Permit shall, using a standard plan approval application, apply for a plan approval that meets the requirements of 25 Pa. Code, Chapter 127, Subchapter B.

4. Compliance:

Any applicant authorized to operate a landfill gas-fired turbine(s) under this General Permit must comply with the terms and conditions of the General Permit. The landfill gas-fired turbine(s) shall be:

- a. operated in such a manner as not to cause "air pollution," as the term is defined in 25 Pa. Code § 121.1.

- b. operated and maintained in a manner consistent with good operating and maintenance practices; and
- c. operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this General Permit.

5. Permit Modification, Suspension and Revocation:

This General Permit may be modified, suspended or revoked if the Department determines that the affected landfill gas-fired turbine(s) cannot be regulated under this General Permit. Authorization to use this General Permit may be suspended or revoked if the Department determines that, at any time, any person has failed to construct and/or operate the landfill gas fired turbine(s) in compliance with the terms and conditions of this General Permit.

Authorization to operate the landfill gas fired turbine(s) under this General Permit shall be suspended, if, at any time, the permittee causes, permits or allows any modification (as defined in *25 Pa. Code* § 121.1) without Department approval of the landfill gas-fired turbine(s) covered by this General Permit. Upon suspension of the authorization to use the General Permit, the owner or operator may not continue to operate or use the landfill gas-fired turbines. If warranted, the Department will require that the landfill gas-fired turbine(s) be permitted under the State Operating Permit and/or Title V Operating Permit requirements in *25 Pa. Code* Chapter 127.

6. Physical Changes Qualifying for an Exemption

Any replacement of the turbine core of a turbine compression engine with an identical turbine core or a lower emitting turbine core, shall be exempt from plan approval requirements, provided the following requirements are met:

- a. The permittee shall provide thirty (30) days prior written notice to the Department of a planned turbine core replacement.
- b. The permittee shall provide written notice to the Department within seven (7) days following the commencement of a turbine core replacement necessitated by an equipment failure or other unplanned event.
- c. The written notice shall identify the location, the manufacturer, model, and serial number of the turbine compression engine, the manufacturer, model, and serial number of the turbine core to be installed, or which has been installed, in the turbine compression engine and the air contaminant emission rates which will exist following the turbine core replacement, including oxides of nitrogen (NO_x), carbon monoxide (CO) and volatile organic compounds (VOCs).
- d. The written notice shall also contain a certification from the permittee that any turbine core to be installed has been manufactured by either the existing turbine manufacturer or other manufacturer and will be a lower emitting turbine core or, if the core will be replaced with an identical core, that a lower emitting core is not available. Existing turbine manufacturers shall include companies that maintain the turbine cores of the existing turbines at the facility. If the permittee decides to install a turbine core obtained from a manufacturer other than the existing turbine manufacturer, the notice shall contain a certification, signed by

a “responsible official” as defined in 25 Pa. Code Section 121.1 (relating to definitions), that the permittee has examined the turbine cores that are available from all such manufacturers and will install, or has installed, the lowest emitting turbine core available from any manufacturer.

- e. The notice shall be accompanied by a vendor-provided guarantee of the achievable air contaminant emission rates of the new turbine core. If such a guarantee is not available, the notice shall include certification that the permittee attempted to obtain such guarantee and an explanation as to why the vendor will not provide such a guarantee.
- f. All certifications shall be signed by a responsible official and shall acknowledge that the certifying party is aware of the penalties for unsworn falsification to governmental authorities as established under 18 Pa.C.S. § 4904. The certification shall also state that based on information and belief formed after reasonable inquiry, that the information in the notice are true, accurate and complete.
- g. For purposes of this General Permit, a turbine core is a “Lower Emitting Turbine Core” if it is commercially available, has the same operating characteristics as the core being removed and the rate of NO_x emissions, expressed as either parts per million by volume dry basis (“ppmvd”) or pounds per hour (“lb/hr”) would be lower than the rates of emission achievable by any commercially available alternative turbine core when the respective turbine was operating at the same level of performance. If the horsepower, firing rate and operating speed of the core being removed falls within the ranges of horsepower, firing rate, and operating speed for the Lower Emitting Turbine Core, the Lower Emitting Turbine Core is considered to have the same operating characteristics as the core being removed. A turbine core is an “Identical Turbine Core” if the rate of NO_x emissions is no higher than the emission rates of the turbine core being replaced when the respective turbine is operating at the same level of performance.
- h. After a turbine core has been replaced, the permittee shall perform NO_x and CO emissions testing as established in Condition 8 for the respective turbine compressor engine(s) within ninety (90) days of completing the replacement. Stack testing for NO_x shall be performed in accordance with methods specified in 40 CFR § 60.335 (relating to test methods and procedures) and in accordance with 25 Pa Code, Chapter 139 (relating to sampling and testing) for NO_x and CO. At least sixty (60) days prior to test performance, two copies of a test protocol, including a description of the proposed test procedures and a dimensioned sketch showing the configuration of the exhaust stack and proposed sampling ports, shall be submitted to the Department. At least two (2) weeks prior to test performance, the permittee shall inform the Department, in writing, of the date and time of the test. Within sixty (60) days of completing the emissions testing, two copies of a test report, including a comprehensive description of the turbine operating conditions during the testing, shall be submitted to the Department.
- i. A plan approval and/or operating permit issued in accordance with 25 Pa. Code Chapter 127, Subchapter B and/or Subchapter F, or if the facility is a Title V

facility, a Title V operating permit issued in accordance with Subchapters F and G will be required if emission test results exceed the emission limits specified in this General Permit, or, the replacement of the turbine core includes parts other than the turbine core itself. In order to obtain the plan approval and/or operating permit, or Title V operating permit, it may be necessary to install an air pollution control device.

- j. For turbine compression engines existing at the facility on the date this General Permit is first issued, turbine core replacements may occur pursuant to this exemption for no more than fifteen (15) years from the date of the first replacement. For new turbine compression engines, turbine core replacements may not occur pursuant to this exemption for no more than fifteen (15) years after the turbine compression engine first commences operation. Any subsequent proposed turbine core replacements for both new and existing engines will require a plan approval application including a best available technology evaluation to be submitted to the Department for its review and approval. Once approved, turbine core replacements may occur pursuant to this exemption for another fifteen (15) years, before a new plan approval and best available technology evaluation is required.

7. Notice Requirements:

The applications and notifications required by *25 Pa. Code* § 127.621 (relating to application for use of general plan approvals and general operating permits) shall be submitted to the appropriate Regional Office responsible for issuing authorizations to use general permits in the county in which the landfill gas-fired turbine(s) is, or will be, located. As required under § 127.621(b), the application shall be either hand delivered or transmitted by certified mail return receipt requested.

The permittee shall not construct a new source under the General Permit until and unless the appropriate Regional Office is notified that construction is to be conducted and written authorization to construct is received from the Department. A new source owner or operator may use this General Permit to operate, provided that the Department receives written notice from the permittee of the completion of construction and the intent to commence operation at least five (5) working days prior to completion of construction.

The permittee shall notify the Department by telephone within twenty four (24) hours of the discovery of any malfunction of landfill gas fired turbine(s) operating pursuant to this General Permit, which results in, or may possibly be resulting in, the emission of air contaminants in excess of any applicable limitation specified herein or in excess of the limitations specified in any applicable rule or regulation contained in *25 Pa. Code* Chapters 121 through 145 or which otherwise results in, or may possibly be resulting in, noncompliance with the requirements specified in any applicable condition of this General Permit (if the permittee is unable to provide notification within twenty four (24) hours of discovery due to a weekend or holiday, the notification shall be made to the Department by no later than 4 p.m. on the first Department business day following the respective weekend or holiday). The permittee shall additionally provide whatever subsequent written report the Department may request regarding any reported malfunction.

In the event that the turbine core needs to be replaced with an Identical Turbine Core, the permittee shall request prior written approval from the Department in accordance with requirements in Condition 6 of this General Permit. Any owner or operator replacing a turbine core that does not meet the requirements of Condition 6 shall, using a standard plan approval application, apply for a plan approval that meets the requirements of 25 Pa. Code, Chapter 127, Subchapter B.

8. Emissions Limits for Landfill Gas-fired Turbines:

The following emission limitations for landfill gas-fired turbines for which construction commenced on or after July 1, 1972 and where BAT requirements have not been previously established shall apply:

- a. In accordance with 25 Pa. Code § 127.12b, the permittee shall limit the emissions from each turbine to the following:
 - i. Oxides of Nitrogen (NO_x) – 42 ppmvd corrected to 15% oxygen;
 - ii. Carbon Monoxide (CO) – 100 ppmvd corrected to 15% oxygen;
 - iii. Sulfur Dioxide (SO₂) – 30 ppmvd corrected to 15% oxygen; and
 - iv. Particulate Matter (PM) – 0.0232 lb/MMBtu.
- b. In accordance with 25 Pa. Code § 127.12b, the permittee shall limit the emissions of non-methane organic compounds (NMOC) from the turbine to 98% by weight less than the amount entering the turbine or 20 ppmvd as hexane corrected to 3% oxygen.
- c. In accordance with 25 Pa. Code § 127.12b, any landfill gas-fired turbine(s) operated under this General Permit may not, at any time, result in visible emissions in excess of following:
 - i. Normal operation: 10% opacity
 - ii. Start-up or shut-down:
 - Equal to or greater than 20% opacity for a period or periods aggregating more than three (3) minutes in any one hour.
 - Equal to or greater than 60% opacity at any time.
- d. National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Combustion Turbines specified at 40 CFR Part 63, Subpart YYY do not apply to a landfill gas-fired combustion turbine located at an area source of hazardous air pollutants (HAPs). An area source is any source that does not meet the applicability thresholds for a “major source” of HAP emissions. A major source of HAP emissions is any air contamination source or facility located on a contiguous site under common control that emits or has the potential to emit any single HAP at a rate of 10 tons or more per year or any combination of HAPs at a rate of 25 tons or more per year. HAP emissions from the landfill gas-fired turbines located at this facility shall be less than 10 tons for any single HAP and 25 tons aggregate for any combination of HAPs during any consecutive rolling 12-month period.

- e. Each landfill gas-fired turbine is subject to the applicable requirements of 40 CFR Part 60, Subpart GG, Standards of Performance for Stationary Gas Turbines.
- f. The owner or operator of a landfill gas-fired turbine(s) is not subject to the new source performance standards (NSPS) in 40 CFR Part 60, Subpart WWW, Emission Guidelines in 40 CFR Part 60, Subpart Cc, or the NESHAP requirements for municipal solid waste landfills specified in 40 CFR Part 63, Subpart AAAA if treated landfill gas is used in accordance with 40 CFR § 60.752(b)(2)(iii)(C). The compression, de-watering, and filtering of landfill gas down to at least 10 microns shall be considered as “treatment.” If the landfill gas does not qualify as a “treated” gas, the permittee shall comply with Subpart WWW and the NESHAP requirements in 40 CFR Part 63, Subpart AAAA.

If the permittee treats the landfill gas and combusts the gas in the turbine, the turbine is not subject to Subpart WWW or the NESHAP requirements in Subpart AAAA. Notwithstanding this exception, the emissions from any atmospheric vent from the treatment system shall be subject to the NSPS requirements of 40 CFR § 60.752(b)(2)(iii)(A) and (B), as well as the NESHAP requirements.
- g. The owner and operator of landfill gas-fired turbine(s) shall comply with all applicable requirements of 40 CFR Part 63, Subpart AAAA.
- h. In accordance with 40 CFR Part 60, Standards of Performance for New Stationary Source 40 CFR § 60.333 (relating to standards for sulfur dioxide), the permittee shall limit the sulfur content of the landfill gas fired in the gas turbine to 0.8% or less by weight.

9. Performance Testing:

- a. For a new landfill gas-fired turbine installed in accordance with Conditions 2 and 8 of this General Permit within sixty (60) days after achieving the maximum production rate at which the facility will be operated, but not later than one hundred and eighty (180) days after initial startup of the facility, the permittee shall perform a source test on the each turbine covered by this General Permit. Each turbine shall be stack tested for NO_x, CO, NMOC, HAPs, SO₂, and visible emissions as established in Condition 8. Stack testing for NO_x shall be performed in accordance with methods specified in 40 CFR § 60.335 (relating to test methods and procedures) and in accordance with 25 Pa Code, Chapter 139 for NO_x, CO, NMOC, HAPs and visible emissions.
- b. After a turbine core has been replaced with an Identical Turbine Core or a Lower Emitting Turbine Core, the permittee shall perform emissions testing in accordance with Condition 6(h).
- c. At least sixty (60) days prior to the stack test requirements of Condition 9.a. or a stack test using portable gas analyzer as per Condition 9.b., a test protocol, including procedures and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples, shall be submitted to the Department.
- d. At least two (2) weeks prior to the stack test or a stack test using a portable gas analyzer, the Department shall be informed of the date and time of the test.

- e. Within sixty (60) days after completion of the stack test, two (2) copies of the complete test report, including all operating conditions, shall be submitted to the Department for approval.

10. Monitoring Requirements:

In accordance with the NSPS requirements in 40 CFR § 60.334 (relating to monitoring of operations), the permittee shall, on a daily basis, sample the landfill gas being fired for nitrogen and sulfur content. The permittee may submit an alternative plan for sampling of the above compounds to the Department and EPA for approval. The submission shall be in accordance with the requirements of 40 CFR Part 60.

11. Recordkeeping Requirements:

- a. The permittee shall record the following:
 - i. Monthly amount of landfill gas fired in each turbine;
 - ii. 12-month rolling total amount of landfill gas fired in each turbine;
 - iii. Hours of operation each month;
 - iv. Monthly emissions of Particulate, SO₂, NO_x, CO, NMOC, and HAPs; and
 - v. 12-month rolling total emissions of Particulate, SO₂, NO_x, CO, NMOC, and HAPs.
- b. The permittee shall calculate the emissions from the turbine(s) as proposed in the application or in another manner approved by the Department. The methods of calculating the emissions shall be reviewed after the results of the required testing are approved.
- c. The permittee shall install and maintain a device that measures and records the flow of landfill gas to the turbine(s).
- d. The permittee shall maintain a permanently bound logbook or other method approved by the Department. This log shall, at a minimum, contain the following information:
 - i. The date of the tuning procedures and/or routine maintenance;
 - ii. The date of any turbine core replacement;
 - iii. The name of the service company and technicians;
 - iv. The final operating rate or load;
 - v. The final NO_x and CO emission rates;
 - vi. The final excess oxygen rate; and
 - vii. Any other information required by this General Permit.
- e. The permittee shall record each start-up, shut down, and malfunction of the turbine. The record shall include the date, time, duration and type of event.

- f. If the landfill gas fired turbine is subject to the NSPS requirements in 40 CFR § 60.757 (relating to reporting requirements) or the Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills in 40 CFR Part 60, Subpart Cc, the permittee shall record the monthly and 12-month rolling total emissions of NMOCs from the turbine.
- g. These records shall be retained for a minimum of fifteen (15) years and shall be made available to the Department upon request. The Department reserves the right to expand the list contained in this condition as it may reasonably prescribe pursuant to the provisions of Section 4 of the Pennsylvania Air Pollution Control Act (35 P. S. § 4004), and as it may deem necessary to determine compliance with any conditions contained herein.

12. Reporting Requirements:

- a. At least five (5) working days prior to the completion of construction of the source(s) authorized under this General Plan Approval, the owner/operator shall provide written notice to the Department of the completion of the construction and its intent to commence operation. The written notice shall specify when the construction will be completed and when the facility owner or operator expects to commence operation.
- b. The Department shall be notified any time the sulfur content of the landfill gas exceeds 0.8% by weight.
- c. Within sixty (60) days after completion of the stack test, the complete test report, including all operating conditions, shall be submitted to the Department for approval.
- d. Any planned or unplanned turbine core replacement shall be reported to the Department in accordance with Condition 6.

13. Work Practice Requirements:

- a. The permittee, at a minimum, shall conduct leak checks on the landfill gas handling and processing equipment.
- b. The permittee shall perform an annual adjustment and/or tune-up on each unit, which shall include the following:
 - i. Inspection, adjustment, cleaning or replacement of fuel-burning equipment, including the burners and moving parts necessary for proper operation as specified by the manufacturer;
 - ii. Inspection of flame pattern of characteristics and adjustments necessary to minimize emissions of NO_x, and to the extent practicable minimize emissions of CO;
 - iii. Inspection of the air-to-fuel ratio control system and adjustments necessary to ensure proper calibration and operation as specified by the manufacturer; and

- iv. Sampling of the final NO_x and CO emission rates. This sampling shall be conducted with portable metering equipment in accordance with applicable manufacturers' calibration and operating procedures.

14. Additional Requirements:

- a. The owner or operator of any landfill gas-fired turbine shall comply with the applicable requirements specified in 40 CFR Part 60, Subpart GG (relating to standards of performance for stationary gas turbines). Pursuant to 40 CFR § 60.4 (relating to address), the submission of copies of all requests, reports, applications, submittals and other communications shall be provided to both EPA and the Department.
- b. If the landfill gas-fired turbine is subject to 40 CFR Part 60, Subpart WWW or the Emission Guidelines in Subpart Cc, the permittee shall comply with all applicable requirements. Pursuant to 40 CFR § 60.4, the submission of copies of all requests, reports, applications, submittals and other communications shall be provided to both EPA and the Department.

Copies of all documents provided to EPA shall be sent to:

Director of Air Protection Division
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

- c. Copies of all documents provided to the Department shall be sent to the appropriate DEP Regional Office.

15. Term of Permit:

Authority to operate under this General Permit is granted for a fixed term of five (5) years. The Department will notify each applicant, in writing, when authority to operating under this General Permit is granted.

16. Permit Fees:

The General Permit establishes the following application and renewal fees payable every five (5) years if no equipment changes occur:

One thousand (\$1000) dollars.

An additional plan approval application fee as indicated above is required each time the permittee installs or modifies a landfill gas-fired turbine. The installation or modification of a landfill gas-fired turbine(s) must be conducted according to the terms and conditions of this General Permit. Two (2) or more landfill gas-fired turbines may be installed under a single plan approval fee.

17. Expiration and Renewal of Permit:

The permittee's right to operate under this General Permit terminates on the date of expiration of the authorization to operate under this permit unless a timely and

complete renewal application is submitted to the Department thirty (30) days prior to the permit expiration date.

Upon receipt of a complete and timely application for renewal, the owner or operator may continue to operate the landfill gas-fired turbine(s) pending final action by the Department on the renewal application. This authorization shall cease to exist if, subsequent to a completeness determination, the applicant fails to submit by the deadline specified in writing by the Department any additional information required by the Department to process the renewal application.

The General Permit application for renewal shall include: the identity of the owner or operator; location of the landfill gas-fired turbine(s); current permit number; description of the turbine(s) and equipment located at the facility; information regarding previously imposed limitations; the appropriate renewal fee listed in Condition 16 of this General Permit and, any other information requested by the Department.

18. Applicable Laws:

Nothing in this General Permit relieves the permittee of its obligation to comply with all applicable Federal, state, and local laws and regulations.

19. Prohibited Use:

Any stationary air contamination source that is subject to the requirements of 25 *Pa. Code* Chapter 127, Subchapter D, 25 *Pa. Code* Chapter 127, Subchapter E, 25 *Pa. Code* Chapter 127, Subchapter G, or 25 *Pa. Code* § 129.91 (relating to control of major sources of NO_x and NMOC) may not operate a landfill gas-fired turbine(s) under this General Permit. The owners and operators of Title V facilities may use this General Permit as a plan approval when the major new source review and prevention of significant deterioration review requirements are not applicable.

20. Transfer of Ownership or Operation:

The permittee may not transfer the authorization to operate under this General Permit. New owners or operators shall submit a new application and fees in accordance with Condition 16 of this General Permit.

21. Start-up and Shutdown Exclusion:

The emission limitations stated in Condition 8 of this General Permit shall apply at all times except during periods of start-up and shutdown, provided, however, that the duration of start-up and shut-down do not exceed one hour per occurrence.

22. Emission Limitations and/or Operating Requirements Previously Established Pursuant to Best Available Technology and/or Imposed to Give Synthetic Minor Status:

This General Permit cannot be used to vacate or reestablish BAT or other emission limitations or requirements established through the air quality permitting process. The Department reserves the right to make a determination whether a source that received a BAT determination from the Department through a previously issued plan approval can use this General Permit.

23. Requirements Small Sources of NO_x:

Each landfill gas-fired turbine rated at greater than 100 mmBtu/hr and located in Philadelphia, Bucks, Chester, Delaware, or Montgomery Counties shall comply with small sources of NO_x requirements as established in 25 *Pa. Code* §§ 129.201 through 129.205 (relating to additional NO_x controls).

Approved by:

Joyce E. Epps
Director
Bureau of Air Quality

Date approved:

August 18, 2006