



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date: August 17, 2026

Effective Date: August 17, 2026

Expiration Date: August 24, 2031

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 46-00127

Natural Minor

Federal Tax Id - Plant Code: 23-0397860-1

Owner Information

Name: VERIZON PENNSYLVANIA LLC

Mailing Address: 401 S HIGH ST FL 2

WEST CHESTER, PA 19382-3338

Plant Information

Plant: VERIZON PA LLC/FORT WASHINGTON CTL OFC

Location: 46 Montgomery County

46951 Upper Dublin Township

SIC Code: 4813 Trans. & Utilities - Telephone Communications, Except Radio

Responsible Official

Name: CHERYL L HOUGHTON

Title: GLOBAL EH&S COMPLIANCE

Phone: (610) 344 - 9671

Email: cheryl.l.houghton@verizon.com

Permit Contact Person

Name: CHERYL L HOUGHTON

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Phone: (610) 344 - 9671

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[Signature] _____

JILLIAN A. GALLAGHER, SOUTHEAST REGION AIR PROGRAM MANAGER



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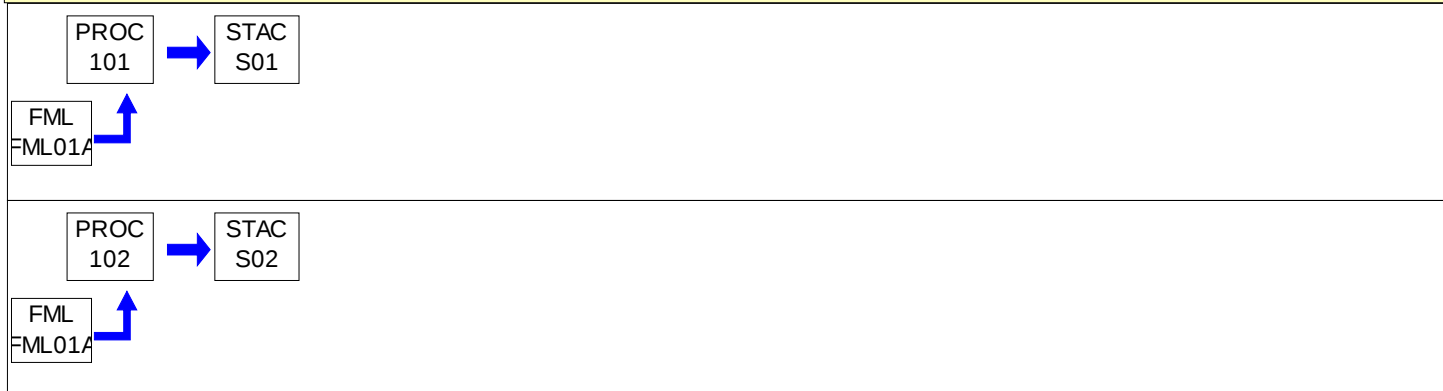
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	EMERGENCY GENERATOR SET 1	72.500 Gal/HR	Diesel Fuel
102	EMERGENCY GENERATOR SET 2	72.500 Gal/HR	Diesel Fuel
FML01A	15,000-GAL DIESEL FUEL UNDERGROUND STORAGE (UST) W/ DAY UST		
S01	EMERGENCY GENERATOR SET 1 STACK		
S02	EMERGENCY GENERATOR SET 2 STACK		

PERMIT MAPS

**SECTION B. General State Only Requirements****#001 [25 Pa. Code § 121.1]****Definitions.**

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and in 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.446]**Operating Permit Duration.**

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)]**Permit Renewal.**

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]**Operating Permit Fees under Subchapter F.**

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
 - (1) For a synthetic minor facility, a fee equal to:
 - (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
 - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
 - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.
 - (2) For a facility that is not a synthetic minor, a fee equal to:

**SECTION B. General State Only Requirements**

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]**Transfer of Operating Permits.**

- (a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.
- (b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.
- (c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]**Inspection and Entry.**

- (a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:
 - (1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;
 - (2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
 - (3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;
 - (4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.
- (b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.
- (c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§ 127.441 & 127.444]**Compliance Requirements.**

- (a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:
 - (1) Enforcement action

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(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.441]**Need to Halt or Reduce Activity Not a Defense.**

It shall not be a defense for the permittee in an enforcement action that it was necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

#009 [25 Pa. Code §§ 127.442(a) & 127.461]**Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

#010 [25 Pa. Code § 127.461]**Revising an Operating Permit for Cause.**

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

(1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.

(2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.

(3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.

(4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450, 127.462, 127.465 & 127.703]**Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:

(b) Administrative Amendments. The permittee shall submit the application for administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless

**SECTION B. General State Only Requirements**

precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall submit the application for minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#012 [25 Pa. Code § 127.441]**Severability Clause.**

The provisions of this permit are severable, and if any provision of this permit is determined by a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#013 [25 Pa. Code § 127.449]**De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

(b) The Department may disapprove or condition de minimis emission increases at any time.

(c) Except as provided below in (d), the permittee is authorized to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

**SECTION B. General State Only Requirements**

- (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
- (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
- (4) Space heaters which heat by direct heat transfer.
- (5) Laboratory equipment used exclusively for chemical or physical analysis.
- (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
 - (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
 - (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
 - (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#014 [25 Pa. Code § 127.3]**Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit modifications)
- (7) Subchapter H (relating to general plan approvals and general operating permits)

**SECTION B. General State Only Requirements****#015 [25 Pa. Code § 127.11a]****Reactivation of Sources**

- (a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).
- (b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#016 [25 Pa. Code § 127.36]**Health Risk-based Emission Standards and Operating Practice Requirements.**

- (a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].
- (b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

#017 [25 Pa. Code § 121.9]**Circumvention.**

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#018 [25 Pa. Code §§ 127.402(d) & 127.442]**Reporting Requirements.**

- (a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.
- (b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.
- (c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:
- Regional Air Program Manager
PA Department of Environmental Protection
(At the address given in the permit transmittal letter, or otherwise notified)
- (d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.
- (e) Any records, reports or information submitted to the Department shall be available to the public except for such records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

**SECTION B. General State Only Requirements****#019 [25 Pa. Code §§ 127.441(c) & 135.5]****Sampling, Testing and Monitoring Procedures.**

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

#020 [25 Pa. Code §§ 127.441(c) and 135.5]**Recordkeeping.**

(a) The permittee shall maintain and make available, upon request by the Department, the following records of monitored information:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of any required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

#021 [25 Pa. Code § 127.441(a)]**Property Rights.**

This permit does not convey any property rights of any sort, or any exclusive privileges.

#022 [25 Pa. Code § 127.447]**Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

#023 [25 Pa. Code § 121.7]**Prohibition of Air Pollution**

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. §§ 4001-4015).

**SECTION B. General State Only Requirements****#024 [25 Pa. Code §135.3]****Reporting**

(a) If the facility is a Synthetic Minor Facility, the permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.

(b) A source owner or operator of a Synthetic Minor Facility may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

#025 [25 Pa. Code §135.4]**Report Format**

If applicable, the emissions reports shall contain sufficient information to enable the Department to complete its emission inventory. Emissions reports shall be made by the source owner or operator in a format specified by the Department.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

(a) No person may permit the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than the following:

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations, as specified in 25 Pa. Code § 129.14.
- (7) N/A
- (8) N/A
- (9) Sources and classes of sources other than those identified in (1)-(8) of this condition, for which the permittee has obtained a determination from DEP that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) The emissions are of minor significance with respect to causing air pollution; and
 - (ii) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

002 [25 Pa. Code §123.2]**Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a)(1)-(9) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.31]**Limitations**

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

004 [25 Pa. Code §123.41]**Limitations**

The permittee shall ensure that emission into the outdoor atmosphere of visible air contaminants from any source occurs in such a manner that the opacity of the emission is neither of the following.

- (a) Equal to or greater than 20% for a period or periods aggregating more than 3 minutes in any 1 hour.
- (b) Equal to or greater than 60% at any time.

005 [25 Pa. Code §123.42]**Exceptions**

The opacity limitations as per 25 Pa. Code § 123.41 shall not apply to a visible emission in either of the following instances.

**SECTION C. Site Level Requirements**

- (a) When the presence of uncombined water is the only reason for failure to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a)(1)-(8) (relating to prohibition of certain fugitive emissions).

006 [25 Pa. Code §129.14]**Open burning operations**

No person may permit the open burning of material in the Southeast Air Basin except where the open burning operations result from.

- (a) A fire set to prevent or abate a fire hazard, when approved by DEP and set by or under the supervision of a public officer.
- (b) Any fire set for the purpose of instructing personnel in firefighting, when approved by DEP.
- (c) A fire set for the prevention and control of disease or pests, when approved by DEP.
- (d) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.
- (e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure.
- (f) A fire set solely for recreational or ceremonial purposes.
- (g) A fire set solely for cooking food.

II. TESTING REQUIREMENTS.**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) If at any time DEP has cause to believe that air contaminant emissions from any source may be in excess of the limitations specified in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by DEP to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, the most current version of the DEP Source Testing Manual, and the EPA Clean Air Act National Stack Testing Guidance, when applicable, and in accordance with any restrictions or limitations established by DEP at such time as it notifies the permittee that testing is required.
- (c) DEP reserves the right to require exhaust stack testing of sources and control devices as necessary to verify emissions for purposes including determining the correct emission fee, malfunctions, or determining compliance with applicable requirements.

III. MONITORING REQUIREMENTS.**# 008 [25 Pa. Code §123.43]****Measuring techniques**

The permittee may measure visible air contaminant emissions using either of the following.

- (a) A device approved by DEP and maintained to provide accurate opacity measurements.

**SECTION C. Site Level Requirements**

(b) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by DEP.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall monitor this facility, at least once per operating day when manned, for the following.

- (1) Odors which may be objectionable (as per 25 Pa. Code §123.31).
- (2) Visible emissions (as per 25 Pa. Code §§123.41 and 123.42).
- (3) Fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, which may cause annoyance or discomfort to the public noticed at the site property boundaries that are caused or may be caused by operations at the site, as well as fugitive particulate emissions that originated on-site and cross the property line, and visible emissions that originated on site shall:

- (1) Be investigated.
- (2) Be reported to the facility management, or individual(s) designated by the permittee.
- (3) Have appropriate corrective action taken (for emissions that originate on-site).
- (4) Be recorded in a permanent written log.

(c) DEP reserves the right to change the above monitoring requirements at any time, based on, but not limited to, the review of complaints, monitoring results, and/or DEP findings.

IV. RECORDKEEPING REQUIREMENTS.**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) The name and title of the company representative monitoring these instances.
- (b) The date and time of the observation.
- (c) A description of any emissions or malodors observed. If none are observed, record "NONE."
- (d) The possible cause(s) of the emissions or malodors.
- (e) Corrective action(s) taken to abate or mitigate each recorded deviation and to prevent future occurrences.

011 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain records of all the facility's increases of emissions from the following categories.

- (a) Emissions increase of minor significance without notification to DEP.
- (b) De minimis increases with notification to DEP, via letter.
- (c) Increases resulting from a Request for Determination (RFD) to DEP.
- (d) Increases resulting from the issuance of a plan approval and subsequent operating permit.

**SECTION C. Site Level Requirements****V. REPORTING REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to DEP's 24-hour Emergency Hotline at 800.541.2050. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to DEP and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall electronically submit any report of instances of such malfunctions, emergencies or incidents of excess emissions to DEP within three (3) business days of the telephone report.

(c) The report shall describe the following:

- (1) Name, permit or authorization number, and location of the facility;
- (2) Nature and cause of the malfunction, emergency or incident;
- (3) Date and time when the malfunction, emergency or incident was first observed;
- (4) Expected duration of excess emissions;
- (5) Estimated rate of emissions; and
- (6) Corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to DEP by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or electronically within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulting from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

013 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. Part 68.]

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with all applicable provisions of the Clean Air Act, 40 C.F.R. Part 68 (relating to chemical accident prevention provisions), and the Federal Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) that meets all applicable provisions of Section 112(r) of the Clean Air Act, 40 C.F.R. Part 68, and the Federal Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act when a regulated substance listed in 40 C.F.R. § 68.130 is present in a process in more than the threshold quantity at this facility. The permittee shall submit the RMP to the EPA according to the following schedule and

**SECTION C. Site Level Requirements**

requirements.

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following.
 - (i) Three (3) years after the date on which a regulated substance is first listed in 40 C.F.R. § 68.130.
 - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.
- (2) The permittee shall submit any additional relevant information requested by DEP or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 C.F.R. § 68.190.
- (3) The permittee shall certify that the RMP is accurate and complete in accordance with all applicable provisions of 40 C.F.R. Part 68, including a checklist addressing the required elements of a complete RMP.
- (c) As used in this permit condition, the term "process" shall be as defined in 40 C.F.R. § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances, or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.
- (d) If this facility is subject to 40 C.F.R. Part 68, as part of the certification required under this permit, the permittee shall perform the following.
 - (1) Submit a compliance schedule for satisfying all applicable provisions of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. § 68.10(a).
 - (2) Certify that the facility is in compliance with all applicable provisions of 40 C.F.R. Part 68 including the registration and submission of the RMP.
- (e) If the facility is subject to 40 C.F.R. Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for 5 years in accordance with 40 C.F.R. § 68.200.
- (f) When the facility is subject to the accidental release program provisions of Section 112(r) of the Clean Air Act and 40 C.F.R. Part 68, appropriate enforcement action will be taken by DEP if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 C.F.R. Part 68.

VI. WORK PRACTICE REQUIREMENTS.**# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

A person responsible for any source specified 25 Pa. Code § 123.1 shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following.

- (a) Use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or by other means.

015 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall ensure that the source(s) and air pollution control device(s), listed in this Operating Permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with

**SECTION C. Site Level Requirements**

manufacturer's specifications.

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall immediately, upon discovery, implement measures which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in this Operating Permit is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act.

017 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee may not modify any air contaminant system identified in this permit, prior to obtaining DEP approval, except those modifications authorized by Condition #013(g), of Section B, of this permit.

VII. ADDITIONAL REQUIREMENTS.**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall calculate the total energy demand (ekW) for this facility for each calendar month during the ozone season (i.e., May 1–September 30 of each year), as follows.

(1) Compile all statements from the electric utility that cover any service day(s) during the ozone season.

(2) Determine the energy demand (ekW) for the facility for each calendar month during the ozone season, as follows:

(i) Perform the following for each statement.

(A) Divide the energy demand (ekW) by the number of service days to determine the average daily energy demand (ekW) for the statement.

(B) Multiply the average daily energy demand determined in (a)(2)(i)(A), above, by the number of days in each calendar month (during the ozone season) covered by the statement to determine the energy demand (ekW) associated with the respective calendar months.

(ii) Sum the energy demand values determined in (a)(2)(i)(B), above, for each calendar month (during the ozone season) to determine the total energy demand (ekW) for the respective calendar months.

(b) The permittee shall maintain records of all statements and calculations indicated in (a)(1)–(2), above.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: EMERGENCY GENERATOR SET 1

Source Capacity/Throughput:

72.500 Gal/HR

Diesel Fuel

Conditions for this source occur in the following groups: EMERGENCY ICE

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of an emergency generator set, model no. 3512, manufactured by Caterpillar, Inc. The emergency generator set is rated at 1,000 ekW power output, and comprised of the following equipment:

(a) A 12-cylinder, diesel fuel-fired engine, model no. 3512, manufactured by Caterpillar, Inc. The engine is rated at 1,482 bhp power output and has a displacement of 4.32 liters per cylinder.

(b) An electric generator, model no. SR-4, also manufactured by Caterpillar, Inc.

**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: EMERGENCY GENERATOR SET 2

Source Capacity/Throughput:

72.500 Gal/HR

Diesel Fuel

Conditions for this source occur in the following groups: EMERGENCY ICE

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of an emergency generator set, model no. 3512, manufactured by Caterpillar, Inc. The emergency generator set is rated at 1,000 ekW power output, and comprised of the following equipment:

(a) A 12-cylinder, diesel fuel-fired engine, model no. 3512, manufactured by Caterpillar, Inc. The engine is rated at 1,482 bhp power output and has a displacement of 4.32 liters per cylinder.

(b) An electric generator, model no. SR-4, also manufactured by Caterpillar, Inc.

**SECTION E. Source Group Restrictions.**

Group Name: EMERGENCY ICE

Group Description: Engines

Sources included in this group

ID	Name
101	EMERGENCY GENERATOR SET 1
102	EMERGENCY GENERATOR SET 2

I. RESTRICTIONS.**Fuel Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall use only diesel fuel for each source. The application of any other fuels shall be approved by DEP prior to their application.

(b) The sulfur content of the diesel fuel shall not exceed 0.0015%, by weight.

Operation Hours Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.6585(f)(2)]

The permittee shall ensure that the engine of this emergency generator set is operated in compliance with the following operating hours restrictions:

(a) A total operating time of less than 500 hrs/yr, calculated monthly as a 12-month rolling sum.

(b) A total operating time of less than or equal to 50 hours per calendar year for non-emergency situations, except that the following operations are prohibited:

- (1) Peak shaving.
- (2) Supplying power to an electric grid to generate income.
- (3) Supplying power as part of a financial arrangement with another entity.
- (4) Demand response.

(c) A total operating time of less than or equal to 100 hours per calendar year for the following purposes:

- (1) Any maintenance checks, including readiness testing and tune-ups.
- (2) The non-emergency situations indicated in (b), above.

Throughput Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the total amount of diesel fuel consumed by the engine of this emergency generator set does not exceed 36,000 gals/yr, calculated monthly as a 12-month rolling sum.

II. TESTING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 139.16(1) and (3)]

(a) The following testing requirements are applicable to the diesel fuel consumed by the engine of this emergency generator set:

- (1) The fuel sample shall be collected in a manner that provides a representative sample. Upon the request of a DEP

**SECTION E. Source Group Restrictions.**

official, the permittee shall collect the sample employing the procedures and equipment specified in ASTM International (ASTM) Standards D4057 or D4177, as appropriate.

(2) Unless an alternative method(s) is approved by DEP, in writing, only ASTM Standards D129, D1266, D1552, D2622, or D4294 may be used to determine the sulfur content of the diesel fuel.

(b) The testing requirements indicated in (a)(1)–(2), above, shall be waived for a given shipment of diesel fuel in the event that the permittee obtains either a laboratory analysis or other certification (e.g., delivery receipt) from the fuel supplier indicating the sulfur content or maximum sulfur content of the diesel fuel.

III. MONITORING REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the following operating parameters for the engine of this emergency generator set:

- (a) The type(s) of operation, on an operating day basis.
- (b) The following hours of operation, on an operating day basis:
 - (1) The hours of operation for each type of operation.
 - (2) The total hours of operation.
- (c) The amount of diesel fuel consumed on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of the following operating parameters for the engine of this emergency generator set:

- (a) The type(s) of operation, on an operating day basis.
- (b) The following hours of operation:
 - (1) The hours of operation for each type of operation, on an operating day, monthly, and annual basis.
 - (2) The total hours of operation, on an operating day, monthly, and 12-month rolling basis.
- (c) The amount of diesel fuel consumed calculated on a 12-month rolling sum using a DEP-approved method.

007 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain records of the corresponding laboratory analysis or other certification from the fuel supplier for each shipment of diesel fuel received for the engine of this emergency generator set. The laboratory analysis or other certification shall specify the sulfur content or maximum sulfur content (% by weight; or ppm by weight) of the diesel fuel.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.204(b)(2)(ii) and (iv)]

- (a) The permittee shall calculate the actual NO_x emissions from the engine of this emergency generator set during the ozone season by multiplying the following values:

**SECTION E. Source Group Restrictions.**

- (1) The hours of operation for the emergency generator set during the ozone season.
 - (2) The rated power output (bhp) of the engine of the emergency generator set (1,482 bhp).
 - (3) The emission factor of 0.024 lbs/bhp-hr, obtained from AP-42, Volume I, Fifth Edition, Chapter 3.4, updated October 1996. A more recent emission factor may be used instead, provided it is no less reliable and DEP is notified in advance.
- (b) The permittee may calculate the actual NO_x emissions from the engine of the emergency generator set during the ozone season by using an alternative calculation and recordkeeping procedure based upon emissions testing and correlations with operating parameters. The permittee shall demonstrate that the alternative procedure does not underestimate actual NO_x emissions. In conjunction with the alternative procedure for calculating actual NO_x emissions, the permittee may also request an adjustment to the allowable NO_x emissions calculation procedure specified in Condition # 011(a)–(c), Section E, of this permit. The adjustment to the allowable NO_x emissions calculation procedure shall be based upon the same emissions testing and correlations with operating parameters proposed in the alternative calculation procedure for actual NO_x emissions, and shall not overestimate allowable NO_x emissions. The alternative calculation and recordkeeping procedure(s) must be approved by DEP, in writing, prior to their implementation.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. Part 97, Subparts AAAAA and GGGGG and 25 Pa. Code § 129.204(c) and (e)-(f).]

(a) The permittee shall surrender to the Department one CAIR NO_x allowance and one CAIR NO_x Ozone Season allowance, as defined in 40 C.F.R. §§ 96.102 and 96.302 (relating to definitions), for each ton of NO_x by which the combined actual emissions exceed the allowable emissions of the units subject to this section at a facility from May 1 through September 30, as calculated in Conditions # 008(a)(1)–(3) and 011(a)–(c), Section E, of this permit, respectively (or otherwise Condition # 008(b), Section E, of this permit). The surrendered allowances shall be of current year vintage. For the purpose of determining the amount of allowances to surrender, any remaining fraction of a ton equal to or greater than 0.50 ton is deemed to equal 1 ton and any fraction of a ton less than 0.50 ton is deemed to equal zero tons.

(b) On or before November 1 of each year, the permittee shall surrender the NO_x allowances required in (a), above, to DEP's designated NO_x allowance tracking system account and submit the following information to DEP, in writing:

- (1) The serial number of each NO_x allowance surrendered.
- (2) The calculations used to determine the quantity of NO_x allowances required to be surrendered.

(c) If the permittee does not comply with (b)(1)–(2), above, in a given year, then the permittee shall surrender, on or before December 31 of that year, three NO_x allowances for each NO_x allowance that was required to be surrendered in (b)(1)–(2), above. The surrendered NO_x allowances may be of current or later year vintage.

[Note: On July 6, 2011, EPA promulgated the Cross-State Air Pollution Rule ("CSAPR") to replace CAIR. The CSAPR provisions of 40 C.F.R. Part 97, Subpart AAAAA (relating to CSAPR NO_x Annual Trading Program), replaced the provisions of 40 C.F.R. Part 96, Subpart AA (relating to CAIR NO_x Annual Trading Program General Provisions), and remain in effect. On October 26, 2016, EPA promulgated the CSAPR Update to establish the provisions of 40 C.F.R. Part 97, Subpart EEEEE (relating to CSAPR NO_x Ozone Season Group 2 Trading Program), to replace the previously-established CAIR NO_x Ozone Season Trading Program and CSAPR NO_x Ozone Season Group 1 Trading Program for certain states, including Pennsylvania, beginning with the 2017 ozone season. On April 30, 2021, EPA promulgated the Revised CSAPR Update to establish the provisions of 40 C.F.R. Part 97, Subpart GGGGG (relating to CSAPR NO_x Ozone Season Group 3 Trading Program), to replace the provisions of 40 C.F.R. Part 97, Subpart EEEEE, for certain states, including Pennsylvania, beginning with the 2021 ozone season (though DEP will accept CSAPR NO_x Ozone Season Group 2 allowances of current year vintage from other states, if available). On November 6, 2024, EPA revised 40 C.F.R. Part 97 Subpart GGGGG to include the new CSAPR NO_x Ozone Season Expanded Group 2 Allowances. Accordingly, the permittee shall surrender CSAPR NO_x Annual allowances and either CSAPR NO_x Ozone Season Group 2 allowances or CSAPR NO_x Ozone Season Group 3 allowances, as defined in 40 C.F.R. §§ 97.402, 97.802, and 97.1002, respectively, instead of the CAIR NO_x allowances and CAIR NO_x Ozone Season allowances indicated in 25 Pa. Code § 129.204(c), as the latter are no longer available.]

**SECTION E. Source Group Restrictions.****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.205(1)–(6).]

For the purpose of determining the amount of NO_x Annual allowances and NO_x Ozone Season allowances to surrender pursuant to Condition # 009, Section E, of this permit, the permittee may deduct 1.5 lbs NO_x/mWh of electricity or thermal power equivalent for each mWh of zero emission renewable energy produced at this facility, if the following conditions are met:

- (a) The zero emission renewable energy production is certified in a tradable renewable certificate.
- (b) The zero emission renewable energy was generated by a power source that produced zero emissions and used 100% renewable energy, such as solar or wind power, in producing the renewable energy. For hydropower, the power must be generated without the use of a dam.
- (c) The zero emission renewable energy power source was originally brought into production on or after December 11, 2004.
- (d) The zero emission renewable energy power source is located within the Southeast Pennsylvania air basin (i.e., the counties of Bucks, Chester, Delaware, Montgomery, and Philadelphia).
- (e) The permittee surrenders the tradable renewable certificate to DEP.
- (f) The permittee certifies that (a)–(e), above, have been satisfied.

011 [25 Pa. Code §129.203]**Stationary internal combustion engines.**

The permittee shall calculate the allowable NO_x emissions from the engine of this emergency generator set during the ozone season by multiplying the following values:

- (a) The hours of operation for the emergency generator set during the ozone season.
- (b) The rated power output (bhp) of the engine of the emergency generator set (1,482 bhp).
- (c) The emission rate of 2.3 g/bhp-hr.

012 [25 Pa. Code §129.203]**Stationary internal combustion engines.**

On or before October 31 of each year, the permittee shall calculate the difference between the actual NO_x emissions from and the allowable NO_x emissions for the engine of this emergency generator set during the ozone season.

013 [25 Pa. Code §129.204]**Emission accountability.**

- (a) If the combined allowable NO_x emissions for the engine of this emergency generator set during the ozone season exceed the combined actual NO_x emissions from the engine during the ozone season, the permittee may deduct the difference or any portion of the difference from the amount of actual NO_x emissions from an engine(s) subject to 25 Pa. Code § 129.204 at any of the permittee's other facilities (during the ozone season).
- (b) If the combined allowable NO_x emissions for an engine(s) subject to 25 Pa. Code § 129.204 at any of the permittee's other facilities during the ozone season exceed the combined actual NO_x emissions from the respective engine(s) during the ozone season, the permittee may deduct the difference or any portion of the difference from the amount of actual NO_x emissions from the engine of this emergency generator set (during the ozone season).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

- (a) The plant address is: 1050 Virginia Drive, Fort Washington, PA 19034.
- (b) Previously-issued Reasonably Available Control Technology (RACT) Operating Permit No. 46-0127 serves as the basis for certain terms and conditions set forth in this permit.
- (c) Pursuant to Condition # 012(b), Section D (under Source IDs 101–102), of this permit, on June 18, 2015, the Department approved the permittee's request to use an alternative method for calculating the actual NO_x emissions from the engines of the emergency generator sets during the ozone season. The alternative method entails using the highest monthly total energy demand (ekW) for the facility determined in accordance with Condition # 025(a)(2)(i)–(ii), Section C, of this permit, multiplied by 1.15, instead of the rated power output (bhp) of the engines in calculating the actual and allowable NO_x emissions.
- (d) This permit (APS ID 503223, Auth ID 1061025) is a renewal of State Only Operating Permit No. 46-00127, which was originally issued on September 16, 2004 (APS ID 503223, Auth ID 528362), previously amended on June 1, 2005 (APS ID 503223, Auth ID 591827), and previously renewed on September 10, 2010 (APS ID 503193, Auth ID 793093). The following is a listing of the changes reflected in this permit:
- (1) The federal tax ID of the permittee/owner, as indicated on the cover page of the previously-renewed permit (same location in this permit), has been changed to 23-0397860 (plant code unchanged).
 - (2) The name of the permittee/owner, as indicated on the cover page of the previously-renewed permit (same location in this permit), has been changed from "Verizon Pennsylvania, Inc." to "Verizon Pennsylvania, LLC."
 - (3) The responsible official/permit contact person, as indicated on the cover page of the previously-renewed permit (same location in this permit), has been changed to Cheryl L. Houghton, Global Environment, Health, and Safety Compliance, (610) 344-9671.
 - (4) Exceptions for emission into the outdoor atmosphere of fugitive air contaminants from blasting in pit mines and from coke oven batteries have been added to Condition # 002, Section C, of the previously-renewed permit (same condition number in this permit), as Sub-conditions (g)–(h), respectively.
 - (5) Exceptions for open burning operations in conjunction with the production of agricultural commodities in their unmanufactured state, and for the purpose of burning domestic refuse, have been added to Condition # 009, Section C, of the previously-renewed permit (same condition number in this permit), as Sub-conditions (d)–(e), respectively.
 - (6) The language of Conditions # 010(a) and 020–021, Section C, of the previously-renewed permit (Conditions # 010(a) and 023–024, Section C, of this permit, respectively), has been changed to also apply to source(s) or air contaminant system(s), where applicable, listed/identified in Section G, of this permit.
 - (7) The following for Condition # 012, Section C, of the previously-renewed permit (same condition number in this permit):
 - (i) The following for Sub-condition (a):
 - (A) The frequency of monitoring has been changed from "at least once per day when a source(s) listed in Section A, of this permit, is operating" to "at least once per operating day when manned."
 - (B) The reference to the Department has been removed from Sub-condition (a)(1).
 - (C) References to conditions containing applicable requirements for objectionable odors, visible air contaminant emissions, and fugitive air contaminant emissions have been added to Sub-conditions (a)(1)–(3), respectively.
 - (ii) A requirement to have appropriate corrective action taken for emissions that originate on-site has been added as Sub-condition (b)(3).
 - (8) A requirement to maintain records of the duration of each deviation (for the monitoring of odors, visible air contaminant emissions, and fugitive air contaminant emissions at the facility) has been added to Condition # 013, Section C, of the previously-renewed permit (Condition # 015, Section C, of this permit), as part of Sub-condition (a)(3).
 - (9) A requirement to maintain records of all of the facility's emission increases resulting from the issuance of a plan approval and subsequent operating permit has been added to Condition # 014, Section C, of the previously-renewed permit (Condition # 016,

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Section C, of this permit), as Sub-condition (d).

(10) The following for Condition # 017, Section C, of the previously-renewed permit (Condition # 015, Section C, of this permit):

- (i) The language of Sub-condition (a) has been changed to also apply to source(s) and/or associated air pollution control device(s) listed in Section G, of this permit.
- (ii) A requirement for the written report of each malfunction to include the duration of the malfunction has been added as part of Sub-condition (c)(3).

(11) A requirement to submit a source report for the preceding calendar year, if previously advised by the Department, and a statement that the permittee may request an extension of time from the Department for the filing of the source report, have been added as Condition # 020(a)–(b), Section C, of this permit, respectively.

(12) The following for Condition # 019, Section C, of the previously-renewed permit (Condition # 022, Section C, of this permit):

- (i) An additional authority citation to 25 Pa. Code § 127.444 has been added.
- (ii) The language has been changed to also apply to source(s) and associated air pollution control device(s) listed in Section G, of this permit.
- (iii) A requirement that the source(s) and associated air pollution control device(s) are operated and maintained in a manner consistent with good safety practices, has been added.

(13) Condition # 022, Section C, of the previously-renewed permit, has been moved to Condition # 013, Section C, of this permit (from Sub-section VI to Sub-section III).

(14) A requirement to take all reasonable actions to prevent PM from a source(s) specified in 25 Pa. Code § 123.1 from becoming airborne has been added as Condition # 021, Section C, of this permit.

(15) Requirements to calculate the total energy demand for the facility for each calendar month during the ozone season, based on statements from the electricity supplier, and to maintain records of all statements and calculations, have been added as Condition # 025(a)–(b), Section C, of this permit, respectively.

(16) The citation for Condition # 001, Section D (under Source IDs 101–102), of the previously-renewed permit (same condition number in this permit), has been changed from 25 Pa. Code § 123.13 to 25 Pa. Code § 127.441 (with an additional authority citation to 25 Pa. Code § 123.13(c)(1)(i)).

(17) The requirements that diesel fuel be the only fuel consumed by the engines of the emergency generator sets and the application of any other fuels be approved by the Department prior to their application, and the sulfur content restriction for the diesel fuel, as indicated in Condition # 002, Section D (under Source IDs 101–102), of the previously-renewed permit (same condition number in this permit), have been reorganized as Sub-conditions (a)–(b), respectively.

(18) The following for Condition # 003, Section D (under Source IDs 101–102), of the previously-renewed permit (same condition number in this permit):

- (i) Additional authority citations to 40 C.F.R. § 63.6585(f)(2) and 25 Pa. Code §§ 127.35(b) and 127.443(b) have been added.
- (ii) Operating hours restrictions for the engines of the emergency generator sets of less than or equal to 50 hours per calendar year for certain non-emergency situations (with exclusions), and less than or equal to 100 hours per calendar year for maintenance and certain non-emergency situations, have been added as Sub-conditions (b)(1)–(4) and (c)(1)–(2), respectively.
- (iii) A statement that "[c]ompliance with this permit condition assures that the permittee will not be subject to the provisions of 40 C.F.R. Part 63, Subpart ZZZZ, as vacated in part on May 1, 2015, by the U.S. Court of Appeals for the District of Columbia Circuit" has been added to the end of the condition.

(19) The following for Condition # 005, Section D (under Source IDs 101–102), of the previously-renewed permit (same condition number in this permit):

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(i) The citation has been changed from 25 Pa. Code § 139.16 to 25 Pa. Code § 127.441 (with an additional authority citation to 25 Pa. Code § 139.16(1) and (3)).

(ii) The test methods for collecting a sample of the diesel fuel consumed by the engines of the emergency generator sets and determining its sulfur content, as indicated in Sub-condition (a)(1)–(2), respectively, have been updated.

(20) The following for Condition # 006, Section D (under Source IDs 101–102), of the previously-renewed permit (same condition number in this permit):

(i) The following for Sub-condition (a):

(A) It has been reorganized as Sub-condition (b)(2).

(B) The frequency of monitoring has been changed from "on a monthly basis" to "on an operating day basis."

(ii) The requirement to monitor the amount of diesel fuel consumed by the engines of the emergency generator sets, as indicated in Sub-condition (b), has been moved to/reorganized as Sub-condition (c).

(iii) A requirement to monitor the type(s) of operation has been added as Sub-condition (a).

(iv) A requirement to monitor the hours of operation for each type of operation has been added as Sub-condition (b)(1).

(21) The following for Condition # 007, Section D (under Source IDs 101–102), of the previously-renewed permit (same condition number in this permit):

(i) The following for Sub-condition (a):

(A) It has been reorganized as Sub-condition (b)(2).

(B) Frequencies of maintaining records on an operating day and 12-month rolling basis have been added.

(ii) The requirement to maintain records of the amount of diesel fuel consumed by the engines of the emergency generator sets, as indicated in Sub-condition (b), has been moved to/reorganized as Sub-condition (c).

(iii) A requirement to maintain records of the type(s) of operation has been added as Sub-condition (a).

(iv) A requirement to maintain records of the hours of operation for each type of operation has been added as Sub-condition (b)(1).

(22) Requirements to maintain records of the corresponding laboratory analysis or other certification from the fuel supplier for each shipment of diesel fuel received for the engines of the emergency generator sets, and for the laboratory analysis or other certification to specify the sulfur content or maximum sulfur content of the diesel fuel, have been added as Condition # 008, Section D (under Source IDs 101–102), of this permit.

(23) Conditions # 008–009, Section D (under Source IDs 101–102), of the previously-renewed permit, have been moved to Condition # 010–011, Section D (under Source IDs 101–102), of this permit, respectively (from Sub-section VI to Sub-section VII).

(24) The following for Condition # 010, Section D (under Source IDs 101–102), of the previously-renewed permit (Condition # 012, Section D (under Source IDs 101–102), of this permit):

(i) It has been moved from Sub-section VI to Sub-section VII.

(ii) The citation has been changed from 25 Pa. Code § 129.204 to 25 Pa. Code § 127.441 (with an additional authority citation to 25 Pa. Code § 129.204(b)(2)(ii) and (iv)).

(iii) A requirement to use the rated power output (bhp) of the engines of the emergency generator sets in calculating the actual NO_x emissions from the engines has been added as Sub-condition (a)(2).

(25) The following for Condition # 011, Section D (under Source IDs 101–102), of the previously-renewed permit (Condition

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013, Section D (under Source IDs 101–102), of this permit):

(i) It has been moved from Sub-section VI to Sub-section VII.

(ii) The citation has been changed from 25 Pa. Code § 129.204 to 25 Pa. Code § 127.441 (with an additional authority citation to 25 Pa. Code § 129.204(c) and (e)–(f).

(iii) Additional authority citations to 40 C.F.R. Part 97, Subparts AAAAA and BBBBB, have been added.

(iv) The requirement to surrender to the Department one NO_x allowance, as defined in 25 Pa. Code § 145.2, as indicated in Sub-condition (a), has been changed to a requirement to surrender to the Department one TR NO_x Annual allowance and one TR NO_x Ozone Season allowance, as defined in 40 C.F.R. §§ 97.402 and 97.502, respectively.

(v) Statements that, effective January 1, 2015, the TR replaced the CAIR; CAIR NO_x allowances and CAIR NO_x Ozone Season allowances are no longer available; and EPA has consented to the surrender of TR NO_x Annual allowances and TR NO_x Ozone Season allowances as a compliance alternative to the surrender of CAIR NO_x allowances and CAIR NO_x Ozone Season allowances, have been added to the end of the condition.

(26) The following for Condition # 014, Section D (under Source ID 101), of the previously-renewed permit (Condition # 015, Section D (under Source ID 101), of this permit):

(i) The citation has been changed from 25 Pa. Code § 129.205 to 25 Pa. Code § 127.441 (with an additional authority citation to 25 Pa. Code § 129.205(1)–(6)).

(ii) The phrase "[i]n calculating the actual NO_x emissions from the engine of this emergency generator set, as required in Condition # 009(a)–(c), Section D (under Source ID 101), of this permit" at the beginning of the first paragraph has been changed to the phrase "[f]or the purpose of determining the amount of TR NO_x Annual allowances and TR NO_x Ozone Season allowances to surrender pursuant to Condition # 013, Section D (under Source ID 101), of this permit."

(27) The following for Condition # 014, Section D (under Source ID 102), of the previously-renewed permit (Condition # 015, Section D (under Source ID 102), of this permit):

(i) The citation has been changed from 25 Pa. Code § 129.205 to 25 Pa. Code § 127.441 (with an additional authority citation to 25 Pa. Code § 129.205(1)–(6)).

(ii) The phrase "[i]n calculating the actual NO_x emissions from the engine of this emergency generator set, as required in Condition # 009(a)–(c), Section D (under Source ID 102), of this permit" at the beginning of the first paragraph has been changed to the phrase "[f]or the purpose of determining the amount of TR NO_x Annual allowances and TR NO_x Ozone Season allowances to surrender pursuant to Condition # 013, Section D (under Source ID 102), of this permit."

(e) August 2021, This permit has been renewed under AUTH ID No. 1342499 and APS ID No. 503223.

(f) August 2026, This permit has been renewed under AUTH ID No. 1553527 and APS ID No. 503223.



***** End of Report *****
