



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM**

**STATE ONLY OPERATING PERMIT**

Issue Date: April 20, 2021

Effective Date: April 20, 2021

Expiration Date: April 19, 2026

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: 15-00101**

Synthetic Minor

Federal Tax Id - Plant Code: 23-1906212-1

**Owner Information**

Name: KENDAL CROSSLANDS COMMUNITIES

Mailing Address: PO BOX 100

KENNETT SQUARE, PA 19348-0100

**Plant Information**

Plant: KENDAL CROSSLANDS COMM/KENNETT

Location: 15 Chester County

15933 Kennett Township

SIC Code: 8051 Services - Skilled Nurse Care Facilities

**Responsible Official**

Name: LISA MARSILIO

Title: CEO

Phone: (610) 388 - 5614

**Permit Contact Person**

Name: SETH BEAVER

Title: DIR OF FAC AND PROJ MGR

Phone: (610) 388 - 5551

[Signature] \_\_\_\_\_

*JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER*



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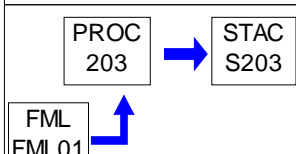
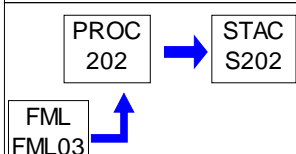
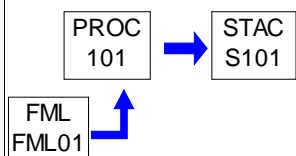
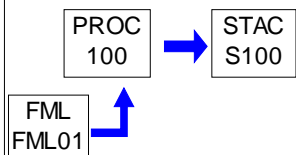
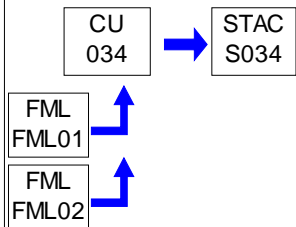
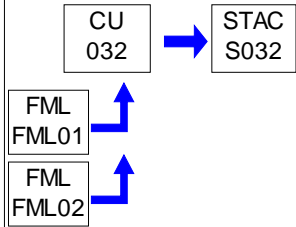
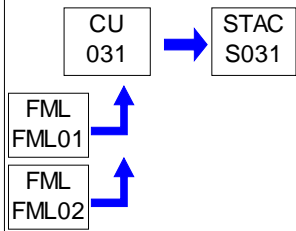
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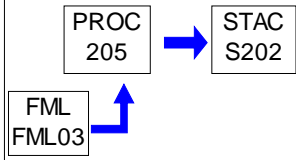
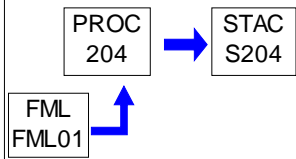
### Section H. Miscellaneous

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	WEIL-MCLAIN BOILERS (A & B)	1.115 MMBTU/HR	
		N/A	Natural Gas
		N/A	#2 Oil
032	CLEAVER BROOKS BOILERS (2)	6.277 MMBTU/HR	
		90.000 Gal/HR	#2 Oil
		12,000.000 CF/HR	Natural Gas
034	WEIL-MCLAIN BOILER (D)	3.753 MMBTU/HR	
		N/A	Natural Gas
		N/A	#2 Oil
100	DIESEL GENERATOR 1 (KENDAL)	5.120 MMBTU/HR	
		106.300 Gal/HR	#2 Oil
101	DIESEL GENERATOR 2 (CROSSLANDS)	103.600 Gal/HR	#2 Oil
200	GASOLINE STORAGE & DISPENSING	N/A	GASOLINE
202	DIESEL GENERATOR LIFT STATION B (CROSSLANDS)	0.230 MMBTU/HR	
		N/A	#2 Oil
203	KENDAL HEALTH CTR EMERGENCY GENERATOR	1.540 MMBTU/HR	
		30.300 Gal/HR	#2 Oil
204	CROSSLANDS HEALTH CTR EMERGENCY GENERATOR	0.680 MMBTU/HR	
		14.500 Gal/HR	#2 Oil
205	DIESEL GENERATOR C (WWTP)	0.640 MMBTU/HR	
		N/A	#2 Oil
FML01	NO. 2 FUEL OIL		
FML02	NATURAL GAS		
FML03	LIFT STATION TANKS (2)		
S031	WEIL-MCLAIN BOILERS (A & B) STACKS		
S032	CLEAVER BROOKS BOILER STACK		
S034	WEIL-MCLAIN BOILER (D) STACK		
S100	DIESEL GENERATOR 1 (KENDAL) STACK		
S101	DIESEL GENERATOR 2 STACK (CROSSLANDS)		
S202	LIFT STATION GENERATORS STACKS (2)		
S203	KENDAL HEALTH CTR EMERGENCY GENERATOR STACK		
S204	CROSSLAND HEALTH CTR EMERGENCY GENERATOR STACK		
Z01	FUGITIVE EMISSIONS		

**PERMIT MAPS**

**PERMIT MAPS**

**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 I.**

- (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.

**SECTION B. General State Only Requirements**

(2) For a facility that is not a synthetic minor, a fee equal to:

- (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:



**SECTION B. General State Only Requirements**

- (1) Enforcement action
- (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:

**SECTION B. General State Only Requirements**

(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 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<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> 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 PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> 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:

**SECTION B. General State Only Requirements**

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

(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)

**SECTION B. General State Only Requirements**

(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

**#015 [25 Pa. Code § 127.11]****Reactivation**

(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

**SECTION B. General State Only Requirements**

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.

**#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.

**SECTION B. General State Only Requirements****#023 [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.

**#024 [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 §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. Section 4003).

**# 002 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

- (a) Construction or demolition of buildings or structures;
- (b) Grading, paving, and maintenance of roads and streets;
- (c) 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;
- (d) Clearing of land;
- (e) Stockpiling of materials;
- (f) Open burning operations, as specified in 25 Pa. Code § 129.14; and,
- (g) Sources, and classes of sources, other than those identified in (a) - (f) above, for which the operator has obtained a determination from the Department, that fugitive emissions from the source, after appropriate controls, 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.

**# 003 [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.

**# 004 [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.

**# 005 [25 Pa. Code §123.41]****Limitations**

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

**# 006 [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)-(9) (relating to prohibition of certain fugitive emissions).

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

The permittee shall ensure that the total nitrogen oxide (NOx) emissions from the facility shall not exceed 24.9 tons per per as a 12-month rolling sum.

**# 008 [25 Pa. Code §129.14]****Open burning operations**

No person permit the open burning of material in the Southeast Air Basin except when the open burning results from:

- (a) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
- (b) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (c) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (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.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) If, at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A, of this Permit, 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 deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and the most current version of the DEP Source Testing Manual, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

**III. MONITORING REQUIREMENTS.****# 010 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (a) A device approved by the Department and maintained to provide accurate opacity measurements.
- (b) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.



**SECTION C. Site Level Requirements****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall monitor the facility, once per operating day, for the following:

- (1) Odors 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, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the 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) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six month period.

(d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification, complaints, monitoring results, and/or Department findings.

**IV. RECORDKEEPING REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of all the facility's increases of emissions, as per 25 Pa. Code § 127.449, from the following categories:

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

**# 013 [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) date, time, and location of the incident(s);
- (b) the cause of the event, and
- (c) the corrective action taken, if necessary, to abate the situation and prevent future occurrences.

The permittee may maintain these records electronically in a format approved by the Department.

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

The permittee shall calculate and maintain records of the total NOx emissions from the facility on a monthly basis and as a twelve (12) month rolling sum.

**SECTION C. Site Level Requirements****V. REPORTING REQUIREMENTS.****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Within thirty (30) days after permit issuance the permittee shall submit, to the Department for approval, the proposed recordkeeping formats required in this operating permit.

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

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. 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 the Department 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 submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department 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 the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail 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 resulted 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.

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

[Additional authority for this condition is also derived from 40 CFR 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 requirements of the Clean Air Act, 40 CFR 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) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory

**SECTION C. Site Level Requirements**

Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the threshold quantity at a facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and 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 years after the date on which a regulated substance is first listed under 40 CFR § 68.130; or,
  - (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 the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.
- (3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR 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 CFR § 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 CFR Part 68, as part of the certification required under this permit, the permittee shall:
  - (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
  - (2) Certify that this facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.
- (e) If this facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.
- (f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to submit a compliance schedule or fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

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

- (a) The permittee shall submit electronic copy of all source test submissions (notifications, protocols, reports, supplemental information, etc.) to both the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office (email addresses are provided below). Any questions or concerns about source testing submissions can be sent to RA-EPstacktesting@pa.gov and the PSIMS Administrator will address them.
- (b) The following pertinent information shall be listed on the title page.
  1. Test Date(s)
    - a. For protocols, provide the proposed date on which testing will commence or "TBD"
    - b. For reports, provide the first and last day of testing
  2. Facility Identification Number (Facility - ID): For test programs that were conducted under a multi-site protocol, also include the PF Id under which the protocol was stored in PSIMS, as indicated in the protocol response letter.
  3. Source ID(s) for the applicable source(s) and air pollution control device(s): The term Source ID is used in the permit but "Other Id" is used in DEP electronic systems. They are the same number and must also be listed for control equipment

**SECTION C. Site Level Requirements**

## 4. Testing Requirements (all that apply)

- a. Plan approval number(s)
- b. Operating permit number
- c. Applicable federal subpart(s) (i.e. 40 CFR 60, Subpart JJJJ)
- d. Special purpose(s) (Consent Order, RFD, RACT II, Tier II, etc.)

(c) Email all electronic submissions to both the PSIMS Administrator in Central Office and the Air Quality Program Manager for the Southeast Regional Office. Email addresses are provided below.

Central Office  
RA-EPstacktesting@pa.gov

Southeast Region  
RA-EPSEstacktesting@pa.gov

(d) If confidential information must be submitted, submit both a public copy, which has been redacted, and a confidential copy. The cover page of each submittal should state whether it is a "Public Copy" or "Confidential Copy" and each page of the latter must be marked "CONFIDENTIAL".

**VI. WORK PRACTICE REQUIREMENTS.****# 019 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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.

**# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

**# 021 [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 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.

**# 022 [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 permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

**SECTION C. Site Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 023 [25 Pa. Code §145.2]****Definitions.**

The following terms are defined here, for use in this permit:

NOx allowance: An authorization by the Department under the NOx Budget Trading Program to emit up to 1 ton of NOx during the control period of the specified year or of any year thereafter, except as provided under 145.54(f) (relating to compliance). No provision of the NOx Budget Trading Program, any permit, or an exemption under 145.4(b) or 145.5 and no provision of law will be construed to limit the authority of the Department or the Administrator to terminate or limit the authorization, which does not constitute a property right. For purposes of all sections of this subchapter except 145.41-145.43 and 145.88, NOx allowance also includes an authorization to emit up to 1 ton of NOx during the control period of the specified year or of any year thereafter by the Department or the Administrator.

**# 024 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.2]****Subpart A--General Provisions****Definitions.**

This facility is classified as an area source of hazardous air pollutants (HAPs) as defined in 40 CFR Part 63.2, National Emissions Standards for Hazardous Air Pollutants.

**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: 031

Source Name: WEIL-MCLAIN BOILERS (A &amp; B)

Source Capacity/Throughput: 1.115 MMBTU/HR

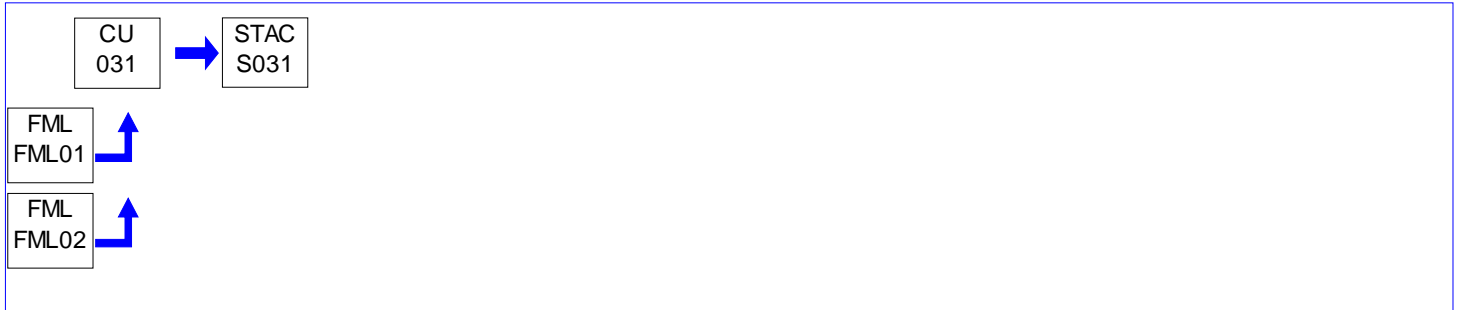
N/A

Natural Gas

N/A

#2 Oil

Conditions for this source occur in the following groups: GROUP 1

**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.**

The Weil-McLain Boilers (A & B) (Source ID: 031) have the following design specifications:

- Manufacturer: Weil-McLain
- Model: WR6.3-GO-05



**SECTION D. Source Level Requirements**

- Rated Heat Input: 1.115 MMBtu/hr.

**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: CLEAVER BROOKS BOILERS (2)

Source Capacity/Throughput: 6.277 MMBTU/HR

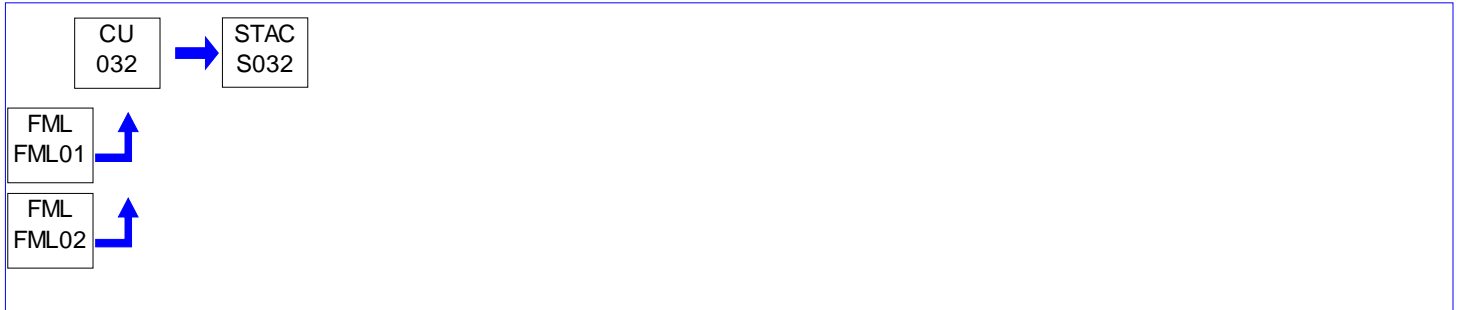
90.000 Gal/HR

#2 Oil

12,000.000 CF/HR

Natural Gas

Conditions for this source occur in the following groups: GROUP 1

**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.**

The Cleaver Brooks Boilers (2) (Source ID: 032) have the following design specifications:

- Manufacturer: Cleaver Brooks
- Model: CR100-150





**SECTION D. Source Level Requirements**

- Rated Heat Input Capacity: 6.277 MMBTU/hr



**SECTION D. Source Level Requirements**

Source ID: 034

Source Name: WEIL-MCLAIN BOILER (D)

Source Capacity/Throughput: 3.753 MMBTU/HR

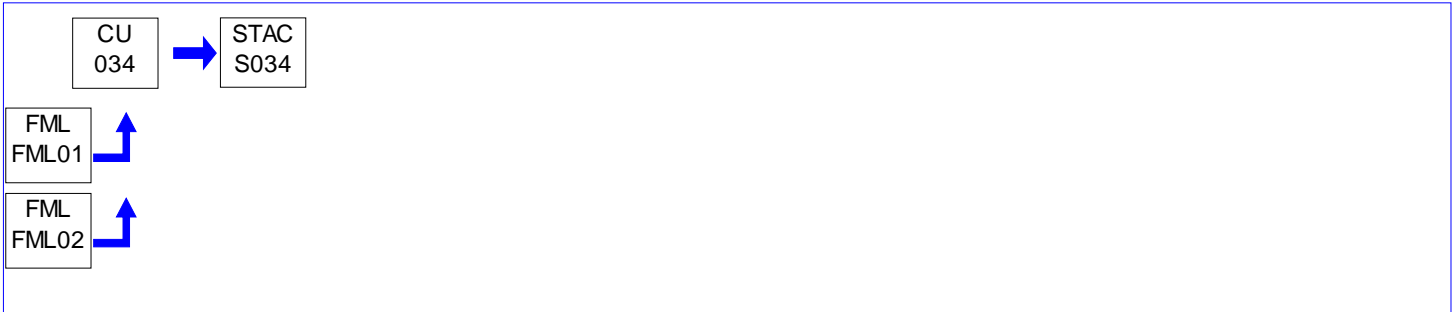
N/A

Natural Gas

N/A

#2 Oil

Conditions for this source occur in the following groups: GROUP 1



**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.**

The Weil-McLain Boiler (D) (Source ID: 034) has the following design specifications:

- Manufacturer: Weil-McLain
- Model: WR10.1-GO-30



**SECTION D. Source Level Requirements**

- Rated Heat Input: 3.753 MMBtu/hr

**SECTION D. Source Level Requirements**

Source ID: 100

Source Name: DIESEL GENERATOR 1 (KENDAL)

Source Capacity/Throughput: 5.120 MMBTU/HR

106.300 Gal/HR #2 Oil

Conditions for this source occur in the following groups: GROUP 2

**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.**

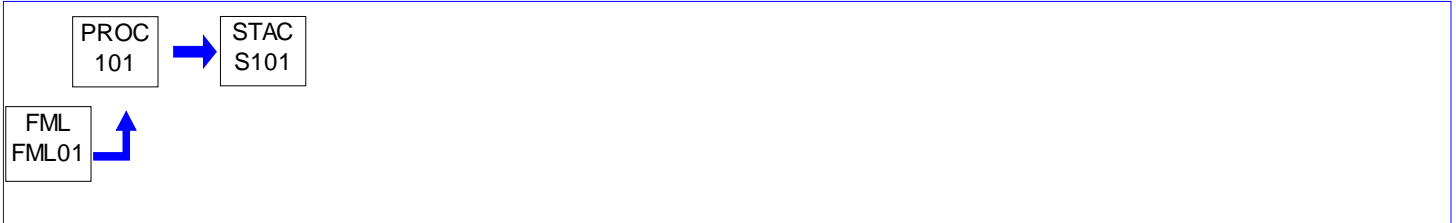
The emergency and peak shaving Diesel Generator 1 (Kendal) (Source ID: 100) has the following design specifications:

- Manufacturer: Cummins
- Model: KTA50-G9
- Maximum throughput: 106.3 gal/hr (No.2 fuel oil)
- Rated capacity: 1500 kW.

**SECTION D. Source Level Requirements**

Source ID: 101                      Source Name: DIESEL GENERATOR 2 (CROSSLANDS)  
 Source Capacity/Throughput:      103.600 Gal/HR                      #2 Oil

Conditions for this source occur in the following groups: GROUP 2

**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.**

The emergency and peak shaving Diesel Generator 2 (Crosslands) (Source ID: 101) has the following design specifications:

- Manufacturer: Cummins
- Model: KTA50-G9
- Maximum throughput: 106.3 gal/hr (No.2 fuel oil)
- Rated capacity: 1500 kW.

**SECTION D. Source Level Requirements**

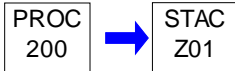
Source ID: 200

Source Name: GASOLINE STORAGE &amp; DISPENSING

Source Capacity/Throughput:

N/A

GASOLINE

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the monthly throughput of gasoline for the Gasoline Storage and Dispensing (Source ID: 200).

**IV. RECORDKEEPING REQUIREMENTS.****# 002 [25 Pa. Code §129.82]****Control of VOCs from gasoline dispensing facilities (Stage II)**

The permittee shall maintain records of monthly throughput, type and duration of any failures of the system and maintenance and repair records. The records shall be kept for at least 5 years and shall be made available for inspection by the Department.

**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.****# 003 [25 Pa. Code §129.61]****Small gasoline storage tank control (Stage 1 control)**

(a) This section applies Statewide to stationary gasoline storage tanks with a capacity of greater than 2,000 gallons.

(b) A person may not transfer gasoline from a delivery vessel into a stationary gasoline storage tank unless the displaced vapors from the storage tank are transferred to the dispensing delivery tank through a vapor tight return line and unless the receiving tank is equipped with a submerged fill pipe which extends from the filling orifice to within 6 inches of the bottom of the tank. The vapors collected in the dispensing tank shall be disposed of in accordance with 25 Pa. Code §§ 129.59 or 129.60(c) (relating to bulk gasoline terminals; and bulk gasoline plants).

(c) The dispensing delivery tank shall remain vapor tight at all times. The delivery tank may be opened after the vapors are disposed of in accordance with 25 Pa. Code §§ 129.59 or 129.60(c).

**# 004 [25 Pa. Code §129.82]****Control of VOCs from gasoline dispensing facilities (Stage II)**

Owners or operators, or both, of gasoline dispensing facilities subject to the requirements of this section shall:

(a) install necessary Stage II vapor collection and control systems, provide necessary maintenance and make modifications

**SECTION D. Source Level Requirements**

necessary to comply with the requirements.

(b) provide adequate training and written instructions to the operator of the affected gasoline dispensing facility to assure proper operation of the system.

(c) immediately remove from service and tag any defective nozzle or dispensing system until the defective component is replaced or repaired. A component removed from service may not be returned to service until the defect is corrected. If the Department finds that a defective nozzle or dispensing system is not properly tagged during an inspection, the component may not be returned to service until the defect is corrected, and the Department approves its return to service.

(d) conspicuously post operating instructions for the system in the gasoline dispensing area which, at a minimum, include;

(1) a clear description of how to correctly dispense gasoline with the vapor recovery nozzles utilized at the site.

(2) a warning that continued attempts to dispense gasoline after the system indicates that the vehicle fuel tank is full may result in spillage or recirculation of the gasoline into the vapor collection system.

(3) a telephone number established by the Department for the public to report problems experienced with the system.

**# 005 [25 Pa. Code §129.82]**

**Control of VOCs from gasoline dispensing facilities (Stage II)**

The permittee must operate and maintain a functional Stage II Vehicle Refueling Control Program for this source.

**# 006 [25 Pa. Code §129.82]**

**Control of VOCs from gasoline dispensing facilities (Stage II)**

The permittee shall comply with the functional testing and certification requirements specified in EPA's Stage II Enforcement and Technical Guidance Documents developed under Section 182 of the Clean Air Act to meet the Clean Air Act requirements.

**VII. ADDITIONAL REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

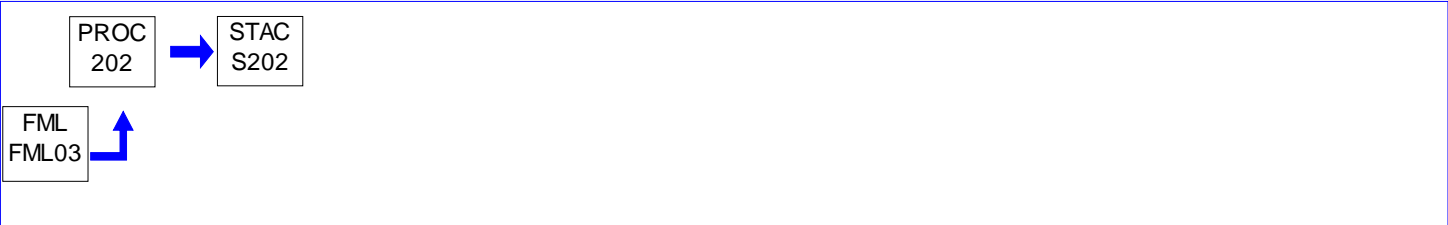
Gasoline Storage and Dispensing (Source ID: 200) is comprised of a 6,000 gallon underground storage tank (U.S.T.) and a gasoline pump dispenser equipped with a Stage II vapor recovery system.



**SECTION D. Source Level Requirements**

Source ID: 202 Source Name: DIESEL GENERATOR LIFT STATION B (CROSSLANDS)  
Source Capacity/Throughput: 0.230 MMBTU/HR  
N/A #2 Oil

Conditions for this source occur in the following groups: GROUP 3



**I. RESTRICTIONS.**

**Operation Hours Restriction(s).**

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the operation of the Diesel Generator Lift Station (B) Generator (Source ID: 202) shall not exceed 300 hours per year, during any twelve (12) month rolling period.

**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.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The Diesel Generator for Crosslands Sewage Pump Lift Station B (Crosslands) (Source ID: 202) has the following design specifications:

- Cummins engine



**SECTION D. Source Level Requirements**

- model number: 4BTA3.9-65
- serial number: 21802332
- capacity: 90 hp (prime) (67 hp @ 1800 rpm)

**# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

(a) The permittee shall operate the emergency stationary R.I.C.E. according to the requirements in the most recent version of 40 C.F.R. Section 60.4211(f).

(b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. Section 60.4211(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 60 Subpart IIII and must meet all requirements for non-emergency engines.

**SECTION D. Source Level Requirements**

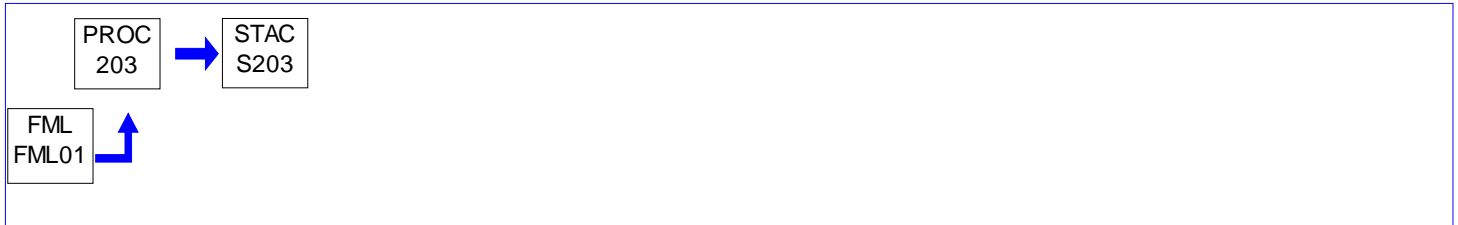
Source ID: 203

Source Name: KENDAL HEALTH CTR EMERGENCY GENERATOR

Source Capacity/Throughput: 1.540 MMBTU/HR

30.300 Gal/HR #2 Oil

Conditions for this source occur in the following groups: GROUP 4

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the Kendal and Crosslands Health Center Emergency Generator (Source ID(s): 203 and 204) shall not exceed with the following combined NOx emission limit while operating:

- (1) 100 lbs/hr
- (2) 1,000 lbs/day
- (3) 2.75 tons per ozone season
- (4) 6.6 tons per year on a 12-month rolling basis

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall use only No. 2 fuel oil for this diesel generator.

**Operation Hours Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall limit the Kendal Health Center Emergency Generator (Source ID: 203) to 300 hours per year of operation, on a twelve (12) month rolling basis.

**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.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall:

- (a) monitor the NOx emissions from the Kendal Health Center Emergency Generator (Source ID: 203), daily, monthly, and as a 12-month rolling sum, when operating.
- (b) monitor the hours of operation for the Kendal Health Center Emergency Generator (Source ID: 203) on a monthly basis and as a 12-month rolling sum, when operating.

**SECTION D. Source Level Requirements**

(c) monitor the sulfur content, by weight, of the as-delivered fuel.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall:

(a) maintain records of the hours operation for the Kendal Health Center Emergency Generator (Source ID: 203) on a monthly basis and as a twelve (12) month rolling sum.

(b) maintain records of the fuel usage for the Kendal Health Center Emergency Generator (Source ID: 203) on a monthly basis and as twelve (12) month rolling sum.

(c) obtain a delivery receipt from the fuel supplier showing the percent sulfur in the fuel, by weight, for each fuel oil delivery.

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall calculate and maintain records of the NOx emissions from the Kendal Health Center Emergency Generator (Source ID: 203) on a monthly basis and as a twelve (12) rolling sum.

**V. REPORTING REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall include the total, combined annual NOx emission estimates from the health center emergency generators (Source ID(s): 203 and 204) in the annual emission statement as pursuant 25 Pa. Code § 135.21.

**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.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The Kendal Health Center Emergency Generator (Source ID: 203) has the following design specifications:

- Engine manufacturer: Cummins, Inc.
- Engine model number: QSX15-G9 NR2
- Gross Engine power output: 755 bhp @1800 rpm
- Generator manufacturer: Onan generator
- Generator model number: 450DFEJ

**# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]**

**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

(a) The permittee shall operate the emergency stationary R.I.C.E. according to the requirements in the most recent version of 40 C.F.R. Section 60.4211(f).

(b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. Section 60.4211(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 60 Subpart IIII and must meet all requirements for non-



**SECTION D. Source Level Requirements**

emergency engines.

**SECTION D. Source Level Requirements**

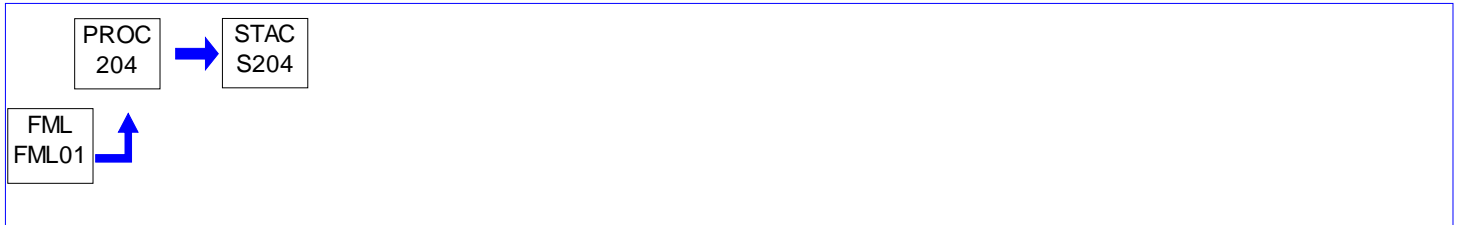
Source ID: 204

Source Name: CROSSLANDS HEALTH CTR EMERGENCY GENERATOR

Source Capacity/Throughput: 0.680 MMBTU/HR

14.500 Gal/HR #2 Oil

Conditions for this source occur in the following groups: GROUP 4

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the Kendal and Crosslands Health Center Emergency Generator (Source ID(s): 203 and 204) shall not exceed with the following combined NOx emission limit while operating:

- (1) 100 lbs/hr
- (2) 1,000 lbs/day
- (3) 2.75 tons per ozone season
- (4) 6.6 tons per year on a 12-month rolling basis

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall use only No. 2 fuel oil for this diesel generator.

**Operation Hours Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall limit the Crosslands Health Center Emergency Generator (Source ID: 204) to 300 hours per year of operation, on a twelve (12) month rolling basis.

**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.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall:

- (a) monitor the NOx emissions from the Crosslands Health Center Emergency Generator (Source ID: 204), daily, monthly, and as a 12-month rolling sum, when operating.
- (b) monitor the hours of operation for the Crosslands Health Center Emergency Generator (Source ID: 204) on a monthly basis and as a 12-month rolling sum, when operating.

**SECTION D. Source Level Requirements**

(c) monitor the sulfur content, by weight, of the as-delivered fuel

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

The permittee shall:

(a) maintain records of the hours operation for the Crosslands Health Center Emergency Generator (Source ID: 204) on a monthly basis and as a twelve (12) month rolling sum.

(b) maintain records of the fuel usage for the Crosslands Health Center Emergency Generator (Source ID: 204) on a monthly basis and as twelve (12) month rolling sum.

(c) obtain a delivery receipt from the fuel supplier showing the percent sulfur in the fuel, by weight, for each fuel oil delivery.

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

The permittee shall calculate and maintain records of the NOx emissions from the Crosslands Health Center Emergency Generator (Source ID: 204) on a monthly basis and as a twelve (12) rolling sum.

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

The permittee shall include the total, combined annual NOx emission estimates from the health center emergency generators (Source ID(s): 203 and 204) in the annual emission statement as pursuant 25 Pa. Code § 135.21.

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

The Crosslands Health Center Emergency Generator (Source ID: 204) has the following design specifications:

- Engine manufacturer: Cummins, Inc.
- Engine model number: QSB7200DSGAE
- Gross Engine power output: 324 bhp @1800 rpm
- Generator manufacturer: Onan generator
- Generator model number: 200DSGAE

**# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

(a) The permittee shall operate the emergency stationary R.I.C.E. according to the requirements in the most recent version of 40 C.F.R. Section 60.4211(f).

(b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. Section 60.4211(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 60 Subpart IIII and must meet all requirements for non-



**SECTION D. Source Level Requirements**

emergency engines.

**SECTION D. Source Level Requirements**

Source ID: 205

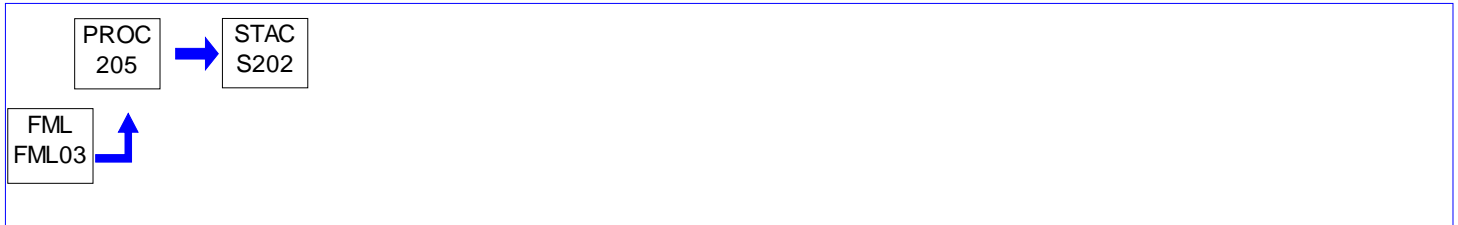
Source Name: DIESEL GENERATOR C (WWTP)

Source Capacity/Throughput: 0.640 MMBTU/HR

N/A

#2 Oil

Conditions for this source occur in the following groups: GROUP 3

**I. RESTRICTIONS.****Operation Hours Restriction(s).**

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the operation of the Diesel Generator C (WWTP) (Source ID: 205) shall not exceed 300 hours per year, during any twelve (12) month rolling period.

**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.**

# 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Am I subject to this subpart?**

(a) The permittee shall operate the emergency stationary R.I.C.E. according to the requirements in the most recent version of 40 C.F.R. Section 63.6640(f).



**SECTION D. Source Level Requirements**

(b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. Section 63.6640(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 63 Subpart ZZZZ and must meet all requirements for non-emergency engines.

**# 003 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The Diesel Generator C (WWTP) (Source ID: 205) has the following design specifications:

Diesel Generator for Wastewater Treatment Plant (WWTP)

- Cummins engine
- model number: 6CTAA8.3-G1

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 1

Group Description: Boilers

Sources included in this group

ID	Name
031	WEIL-MCLAIN BOILERS (A & B)
032	CLEAVER BROOKS BOILERS (2)
034	WEIL-MCLAIN BOILER (D)

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of 0.4 pounds per million Btu of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

**# 002 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, from any combustion unit, in the Southeast Air Basin, in excess of 1.2 pounds per million Btu of heat input, pursuant to 25 Pa. Code §123.22(e)(1).

**Fuel Restriction(s).****# 003 [25 Pa. Code §123.22]****Combustion units**

A person may not offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil in a combustion unit in the Southeast Pennsylvania air basin if the commercial fuel oil contains sulfur in excess of 15 ppm or 0.0015% by weight for No. 2 fuel oil or lighter, by weight sulfur content, pursuant to 25 Pa. Code § 123.22(e)(2)(i), except as described in 25 Pa. Code § 123.22(e)(2)(ii) and (iii).

Commercial fuel oil that was stored in this Commonwealth by the ultimate consumer prior to September 1, 2020, which met the applicable maximum allowable sulfur content for commercial fuel oil through August 31, 2020, in subparagraph (i) at the time it was stored, may be used by the ultimate consumer in this Commonwealth on and after September 1, 2020.

**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.444.]

The permittee shall use only natural gas or No. 2 fuel oil as fuel for this combustion unit.

**II. TESTING REQUIREMENTS.****# 005 [25 Pa. Code §123.22]****Combustion units**

(a) The actual sulfur content of commercial fuel oil shall be determined:

(1) in accordance with the sample collection, test methods and procedures specified under 25 Pa. Code § 139.16 (relating to sulfur in fuel oil); or

(2) by other methods developed or approved by the Department or the Administrator of the EPA, or both.

(b) A person other than the ultimate consumer that accepts a shipment of commercial fuel oil from a refinery or other transferor, shall sample, test, and calculate the actual sulfur content of the commercial fuel oil in accordance with (a), above, if the shipment lacks the records required by 25 Pa. Code § 123.22(g)(1).

**SECTION E. Source Group Restrictions.****III. MONITORING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the following on a monthly basis and as a twelve (12) month rolling sum:

- (a) amount and type of fuel used.
- (b) hours of operation.

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

The permittee shall monitor the VOC and NOx emissions on a monthly basis and as a twelve (12) month rolling sum.

**IV. RECORDKEEPING REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of the following on a monthly basis and as a twelve (12) month rolling sum:

- (a) amount and type of fuel used.
- (b) hours of operation.

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

The permittee shall calculate and maintain records of the VOC and NOx emissions on a monthly basis and as a twelve (12) month rolling sum.

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

(a) If fuel supplier certification is used to demonstrate compliance, the owner or operator shall maintain records and submit reports of fuel supplier certification as described under paragraph (b). In addition to records of fuel supplier certifications, the report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.

(b) Fuel supplier certification for distillate oil shall include the following information:

- (1) The name of the oil supplier;
- (2) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR § 60.41c; and
- (3) The sulfur content or maximum sulfur content of the oil.

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

The permittee may use EPA AP-42 or EPA WebFIRE emission factors and the fuel consumption records for natural gas and #2 oil, as an alternate method to determine the particulate matter emissions from these combustion units.

**V. REPORTING REQUIREMENTS.****# 012 [25 Pa. Code §123.22]****Combustion units**

The permittee shall receive with each fuel oil delivery an electronic or paper record which legibly and conspicuously contains the following information:

- (a) the date of the sale or transfer;
- (b) the name and address of the seller;
- (c) the name and address of the buyer;

**SECTION E. Source Group Restrictions.**

- (d) the delivery address;
- (e) the volume of commercial fuel oil purchased; and
- (f) the identification of the sulfur content of the shipment of fuel oil, determined using the sampling and testing methods specified in the testing requirement above, expressed as one of the following statements:
- (1) For a shipment of No. 2 and lighter commercial fuel oil, "The sulfur content of this shipment is 15 ppm or below."
  - (2) For a shipment of No. 5, No. 6 and heavier commercial fuel oil, "The sulfur content of this shipment is 5,000 ppm or below."

**# 013 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

Results of the fuel oil sulfur test shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.93.]

This source shall be operated and maintained in accordance with manufacturer's specifications.

**VII. ADDITIONAL REQUIREMENTS.****# 015 [25 Pa. Code §123.22]****Combustion units**

The written request for suspension of or increase in the sulfur content limit on the basis that compliant commercial fuel oil is not reasonably available shall be addressed to the Department of Environmental Protection, Bureau of Air Quality, Chief of the Division of Compliance and Enforcement, P.O. Box 8468, Harrisburg, Pennsylvania 17105-8468.

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 2

Group Description: 1,500-kW Diesel Generators

Sources included in this group

ID	Name
100	DIESEL GENERATOR 1 (KENDAL)
101	DIESEL GENERATOR 2 (CROSSLANDS)

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

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from this source at any time in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

# 002 [25 Pa. Code §123.21]

**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) The permittee shall limit the NO<sub>x</sub> emissions from the emergency and peak shaving generator to 43.99 pounds per hour and 6.59 tons per year, as a 12-month rolling sum.

(b) The permittee shall limit the CO emissions from the emergency and peak shaving generator to 11.49 pounds per hour and 1.72 tons year, as a 12-month rolling sum.

**Fuel Restriction(s).**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall use only No. 2 fuel oil as fuel for this emergency and peak shaving generator.

**Operation Hours Restriction(s).**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall limit the emergency and peak shaving generator to 300 hours per year of operation, as a twelve (12) month rolling sum.

**II. TESTING REQUIREMENTS.**

# 006 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) The permittee shall perform a stack test using the Department-approved procedures once every five (5) calendar years, where five calendar years is defined as beginning with the calendar year the latest stack test was performed and ending on December 31, five years later. Performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department. When testing of a source is required on a recurring basis, a single procedural protocol may be submitted for approval; thereafter, a letter referencing the previously approved procedural protocol is sufficient. However, if modifications are made to the process(es), if a different stack testing company is used, or if an applicable section of the stack testing manual has been revised since approval, a new protocol must be submitted for approval.

(b) At least ninety (90) days prior to the test, the permittee shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

**SECTION E. Source Group Restrictions.**

- (c) The stack test shall, at a minimum, test for carbon monoxide (CO) and nitrogen oxides (NO)<sub>x</sub>. Tests shall be conducted in accordance with the provisions of EPA Methods 3A and 7 or other Department approved methodology and 25 Pa. Code Chapter 139.
- (d) At least thirty (30) days prior to the test, the Regional Air Quality Manager, shall be informed of the date and time of the test.
- (e) Within sixty (60) days after the source test(s) (unless a more stringent regulatory requirement applies), an electronic copy of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.
- (f) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

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

The permittee shall:

- (a) monitor the hours operation for the emergency and peak shaving generator, on a monthly basis and as a twelve (12) month rolling sum.
- (b) monitor the fuel usage for the emergency and peak shaving generator, on a monthly basis and as a twelve (12) month rolling sum.
- (c) monitor the sulfur content, by weight, of the as-delivered fuel.

**IV. RECORDKEEPING REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall:

- (a) maintain records of the hours operation for the emergency and peak shaving generator on a monthly basis and as a twelve (12) month rolling sum.
- (b) maintain records of the fuel usage for the emergency and peak shaving generator on a monthly basis and as twelve (12) month rolling sum.
- (c) obtain a delivery receipt from the fuel supplier showing the percent sulfur in the fuel, by weight, for each fuel oil delivery.

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

The permittee shall calculate and maintain records of the NO<sub>x</sub> and CO emissions on a monthly basis and as a twelve (12) rolling sum.

**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.**

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

**SECTION E. Source Group Restrictions.****VII. ADDITIONAL REQUIREMENTS.****# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6604]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What fuel requirements must I meet if I own or operate an existing stationary CI RICE?**

(a) The owner or operator of an existing emergency CI stationary RICE with a site rating greater than 100 HP with a displacement of less than 30 liters per cylinder that uses diesel fuel and operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 CFR § 63.6640(f)(2)(ii) and (iii) or that operates for the purpose specified in 40 CFR § 63.6640(f)(4)(ii), must use diesel fuel that meets the requirements in 40 CFR § 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted.

(b) Pursuant 40 CFR § 80.510(b), all nonroad NR) diesel fuel is subject to the following per-gallon standards:

(1) Sulfur content.

(i) 15 ppm maximum for NR diesel fuel.

(2) Cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or

(ii) A maximum aromatic content of 35 volume percent.

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

The permittee shall operate and maintain the emergency and peak shaving generator to the manufacturer's specifications as well as maintain good pollution control practices.

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

(a) The owner or operator of a stationary internal combustion engine rated greater than 1,000 horsepower, shall calculate the difference between the actual emissions from the unit during the period from May 1 through September 30 and the allowable emissions for that same period.

(b) The owner or operator shall calculate the allowable emissions by multiplying the cumulative hours or operations for the unit for the period by the horsepower rating of the unit and by the applicable emission rate.

(1) For a compression ignition stationary internal combustion engine firing diesel fuel, the applicable emission rate is 2.3 g of NO<sub>x</sub> per brake hp-hr.

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

(a) The owner or operator shall determine actual emissions in accordance with the following:

(b) If the owner or operator is not required to monitor NO<sub>x</sub> emissions with a CEMS, one of the following shall be used to determine actual emissions of NO<sub>x</sub>:

(1) The one-year average emission rate calculated from the most recent permit emission limit compliance demonstration test data for NO<sub>x</sub>, or

(2) The maximum hourly allowable NO<sub>x</sub> emission rate contained in the permit or the higher of the following:

(i) The highest rate determined by use of the emission factor for the source class contained in the most up-to-date version of the EPA publication, "AP-42 Compilation of Air Pollution Emission Factors", or

(ii) The highest rate determined by use of the emission factor for the source class contained in the most up-to-date version of EPA's "Factor Information Retrieval" (FIRE) data system.

**SECTION E. Source Group Restrictions.**

(3) An alternative calculation and recordkeeping procedure based upon emissions testing and correlations with operating parameters. The owner or operator shall demonstrate that the alternate procedure does not underestimate actual emissions throughout the allowable range of operating conditions. The alternate calculation and recordkeeping procedures must be approved by the Department, in writing, prior to implementation.

(c) The owner or operator of a unit shall surrender to the Department one CAIR NOx allowance and one CAIR NOx Ozone Season allowance, as defined in 25 Pa. Code § 96.102 and 96.302 (relating to definitions), for each ton of NOx by which the combined actual emissions exceed the allowable emissions for this engine from May 1 through September 30. 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.

(d) If the combined allowable emissions from units subject to this section at a facility from May 1 through September 30 exceed the combined actual emissions from units subject to this section at the facility during the same period, the owner or operator may deduct the difference or any portion of the difference from the amount of actual emissions from units subject to this section at the owner or operator's other facilities.

(e) By November 1 of each year, an owner or operator of a unit subject to this section shall surrender the required NOx allowances to the Department's designated NOx allowance tracking system account and provide to the Department, in writing, the following:

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

(f) If an owner or operator fails to comply with paragraph (e), the owner or operator shall by December 31, surrender three NOx allowances of the current or later year vintage for each NOx allowance that was required to be surrendered by November 1 of that year.

(g) The surrender of NOx allowances under paragraph (f) does not affect the liability of the owner or operator of the unit for any fine, penalty or assessment, or an obligation to comply with any other remedy for the same violation, under the CAA or the act.

(1) For purposes of determining the number of days of violation, if a facility has excess emissions for the period May 1 through September 30, each day in that period (153 days) constitutes a day in violation unless the owner or operator demonstrates that a lesser number of days should be considered.

(2) Each ton of excess emissions is a separate violation.

**# 014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]**

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**What is the purpose of subpart ZZZZ?**

(a) The permittee shall operate the emergency stationary R.I.C.E. according to the requirements in the most recent version of 40 C.F.R. Section 63.6640(f).

(b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. Section 63.6640(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 63 Subpart ZZZZ and must meet all requirements for non-emergency engines.



**SECTION E. Source Group Restrictions.**

Group Name: GROUP 3

Group Description: Source ID(s): 202 and 205

Sources included in this group

ID	Name
202	DIESEL GENERATOR LIFT STATION B (CROSSLANDS)
205	DIESEL GENERATOR C (WWTP)

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

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

# 002 [25 Pa. Code §123.21]

**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that the sulfur content of the fuel fired in this diesel generator lift station shall not exceed 0.3% by weight.

[Compliance with this condition assures compliance with 25 Pa. Code § 123.21.]

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall use only No. 2 fuel oil for this diesel generator.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall:

- (a) monitor the hours of operation using a non-resettable hour meter, for the diesel generator lift station, on a monthly basis and as a twelve (12) month rolling sum.
- (b) monitor the fuel usage for the diesel generator lift station, on a monthly basis and as a twelve (12) month rolling basis.
- (c) monitor the sulfur content, by weight, of the as-delivered fuel.

**IV. RECORDKEEPING REQUIREMENTS.**

# 006 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee may use AP-42 emission factors, hours of operation, and the rated capacity of this unit as an alternate method to determine the particulate matter emissions from this unit.

**SECTION E. Source Group Restrictions.****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall:

- (a) maintain records of the hours of operation using a non-resettable hour meter for the diesel generator lift station, on a monthly basis and as a twelve (12) month rolling sum.
- (b) maintain records of the fuel usage from the diesel generator lift station, on a monthly basis and as a twelve (12) month rolling sum.
- (c) obtain a delivery receipt from the fuel supplier showing the percent sulfur in the fuel, by weight, for each fuel oil delivery.

**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.**

The permittee shall operate and maintain the diesel generator lift station in accordance with the manufacturer's specifications as well as maintain good pollution control practices.

**VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 4

Group Description: Source ID(s): 203 and 204

Sources included in this group

ID	Name
203	KENDAL HEALTH CTR EMERGENCY GENERATOR
204	CROSSLANDS HEALTH CTR EMERGENCY GENERATOR

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**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).

**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.**

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

**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.**

Source Id	Source Descriptor		
031	WEIL-MCLAIN BOILERS (A & B)		
<b>Emission Limit</b>			
1.200	Lbs/Hr		SOX
0.400	Lbs/MMBTU	particulate matter	TSP
032	CLEAVER BROOKS BOILERS (2)		
<b>Emission Limit</b>			
1.200	Lbs/Hr		SOX
0.400	Lbs/MMBTU	particulate matter	TSP
034	WEIL-MCLAIN BOILER (D)		
<b>Emission Limit</b>			
1.200	Lbs/Hr		SOX
0.400	Lbs/MMBTU	particulate matter	TSP
100	DIESEL GENERATOR 1 (KENDAL)		
<b>Emission Limit</b>			
1.720	Tons/Yr	12-month rolling sum	CO
11.490	Lbs/Hr		CO
6.590	Tons/Yr	12-month rolling sum	NOX
43.990	Lbs/Hr		NOX
500.000	PPMV	by volume	SOX
0.040	gr/DRY FT3	particulate matter	TSP
101	DIESEL GENERATOR 2 (CROSSLANDS)		
<b>Emission Limit</b>			
1.720	Tons/Yr	12-month rolling sum	CO
11.490	Lbs/Hr		CO
6.590	Tons/Yr	12-month rolling sum	NOX
43.990	Lbs/Hr		NOX
500.000	PPMV	by volume	SOX
0.040	gr/DRY FT3	particulate matter	TSP
202	DIESEL GENERATOR LIFT STATION B (CROSSLANDS)		
<b>Emission Limit</b>			
500.000	PPMV	dry basis	SOX
0.040	gr/DRY FT3	particulate matter	TSP
203	KENDAL HEALTH CTR EMERGENCY GENERATOR		
<b>Emission Limit</b>			
2.750	Tons/OZNESEAS	Ozone Season	NOX
6.600	Tons/Yr	12-month rolling basis	NOX
100.000	Lbs/Hr		NOX
1,000.000	Lbs/Day		NOX
500.000	PPMV	by volume	SOX
0.040	gr/DRY FT3	particulate matter	TSP

**SECTION G. Emission Restriction Summary.**

Source Id	Source Descriptor		
204	CROSSLANDS HEALTH CTR EMERGENCY GENERATOR		
<b>Emission Limit</b>		<b>Pollutant</b>	
2.750	Tons/OZNESEAS	Ozone Season	NOX
6.600	Tons/Yr	12-month rolling basis	NOX
100.000	Lbs/Hr		NOX
1,000.000	Lbs/Day		NOX
500.000	PPMV	by volume	SOX
0.040	gr/DRY FT3	particulate matter	TSP
205	DIESEL GENERATOR C (WWTP)		
<b>Emission Limit</b>		<b>Pollutant</b>	
500.000	PPMV	dry basis	SOX
0.040	gr/DRY FT3	particulate matter	TSP

**Site Emission Restriction Summary**

<b>Emission Limit</b>		<b>Pollutant</b>
24.900	Tons/Yr	12-month rolling sum
		NOX

**SECTION H. Miscellaneous.**

- (a) The maps and source capacities located in Sections A and D, of this permit, are for illustrative purposes only.
- (b) The Department has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C, of this permit, do not require additional limitations, monitoring, or recordkeeping:
- (i) Two (2) Air Handler Units
  - (ii) Two (2) Dri-Steem Humidifiers
  - (iii) Two (2) Aerco Water Heaters
  - (iv) Three (3) Pentair Pool Heaters
  - (v) Power Flame Boiler - Crosslands Personal Care
  - (vi) Laundry Water Heaters, Dryers and Ironer
  - (vii) Pool Heaters (5)
  - (viii) Humidifiers (3)
  - (ix) Heating Furnaces - Propane (4)
  - (x) Misc. food preparation & heating equipment (natural gas and propane fired)
- (c) The State Only Operating Permit (Synthetic Minor) (APS ID: 556295, AUTH ID: 854104) has been renewed.
- (d) Kendal-Crosslands has pro-actively added Subpart ZZZZ requirements to this State Only Operating Permit (APS ID: 556295, AUTH ID: 854104) to minimize future administrative changes. The compliance date for 40 CFR 63, Subpart ZZZZ is 3 May 2013; therefore, although included in this permit, Kendal-Crosslands does not need to comply with the Subpart ZZZZ requirements as provided for Sources 100, 101, 201, and 202 until 3 May 2013.
- (e) Source ID(s): 203 and 204 were previously exempted from plan approval installation and construction requirements through the Request For Determination (RFD) applications numbers 2645 and 3289.
- (f) The State Only Operating Permit 15-00101 (APS ID: 556295, Auth ID: 1076759) has been renewed.
- (g) Specifically, for each ozone season beginning after January 1, 2015, the Department intends to accept the surrender of annual and ozone season TR NOx allowances as a compliance alternative to the surrender of annual and ozone season CAIR NOx allowances if the TR allowances are surrendered for compliance purposes in a manner consistent with the surrender provisions for CAIR allowances set forth in the applicable sections specified in this notice. The Department consulted with staff in the United States Environmental Protection Agency (EPA) Region III Office in developing an alternative allowance surrender approach for compliance with the applicable SIP-approved requirements. To this end, the EPA has confirmed, in writing, that TR NOx allowances may be surrendered as set forth in the applicable regulations in 25 Pa. Code Chapters 129 and 145. A detailed notice was published in the PA bulletin on April 4, 2015 [45 Pa.B. 1687].
- (h) The State Only Operating Permit 15-00101 (APS ID: 556295, Ath ID: 1330434) has been renewed.



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

