



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

9/30/2016

Certified Mail

Mr. John Bui
CITY OF HAMILTON SOUTH WATER PLANT
5140 River Road
Fairfield, OH 45014

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
Yes	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 1409030715
Permit Number: P0121609
Permit Type: Renewal
County: Butler

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**
- **What should you do if you notice a spill or environmental emergency?**

How to appeal this permit

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/survey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

What should you do if you notice a spill or environmental emergency?

Any spill or environmental emergency which may endanger human health or the environment should be reported to the Emergency Response 24-HOUR EMERGENCY SPILL HOTLINE toll-free at (800) 282-9378. Report non-emergency complaints to the appropriate district office or local air agency.

If you have any questions regarding your permit, please contact Southwest Ohio Air Quality Agency at (513)946-7777 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



Michael E. Hopkins, P.E.
Assistant Chief, Permitting Section, DAPC

Cc: SWOQA



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
CITY OF HAMILTON SOUTH WATER PLANT**

Facility ID:	1409030715
Permit Number:	P0121609
Permit Type:	Renewal
Issued:	9/30/2016
Effective:	9/30/2016
Expiration:	9/30/2021



Division of Air Pollution Control
Permit-to-Install and Operate
for
CITY OF HAMILTON SOUTH WATER PLANT

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Authorization

Facility ID: 1409030715
Application Number(s): A0056816
Permit Number: P0121609
Permit Description: Renewal FEPTIO for P001 (South Water Plant Engine No. 1).
Permit Type: Renewal
Permit Fee: \$0.00
Issue Date: 9/30/2016
Effective Date: 9/30/2016
Expiration Date: 9/30/2021
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

CITY OF HAMILTON SOUTH WATER PLANT
5140 RIVER ROAD
Fairfield, OH 45014

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Southwest Ohio Air Quality Agency
250 William Howard Taft Rd.
Cincinnati, OH 45219
(513)946-7777

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency


Craig W. Butler
Director



Final Permit-to-Install and Operate
CITY OF HAMILTON SOUTH WATER PLANT
Permit Number: P0121609
Facility ID: 1409030715
Effective Date: 9/30/2016

Authorization (continued)

Permit Number: P0121609

Permit Description: Renewal FEPTIO for P001 (South Water Plant Engine No. 1).

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	P001
Company Equipment ID:	Engine No. 1
Superseded Permit Number:	P0108575
General Permit Category and Type:	Not Applicable



Final Permit-to-Install and Operate
CITY OF HAMILTON SOUTH WATER PLANT
Permit Number: P0121609
Facility ID: 1409030715
Effective Date: 9/30/2016

A. Standard Terms and Conditions



1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions of this permit will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the [DO/LAA] in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



Final Permit-to-Install and Operate
CITY OF HAMILTON SOUTH WATER PLANT
Permit Number: P0121609
Facility ID: 1409030715
Effective Date: 9/30/2016

B. Facility-Wide Terms and Conditions



1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.



Final Permit-to-Install and Operate
CITY OF HAMILTON SOUTH WATER PLANT
Permit Number: P0121609
Facility ID: 1409030715
Effective Date: 9/30/2016

C. Emissions Unit Terms and Conditions



1. P001, Engine No. 1

Operations, Property and/or Equipment Description:

South Water Plant Engine No. 1

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. b)(1)b., b)(2)a and c)(1).
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	Particulate emissions (PE) and particulate matter emissions 10 microns and less in diameter (PM10) shall not exceed 0.037 pound per mmBtu of actual heat input.* Sulfur dioxide (SO2) emissions shall not exceed 0.081 pound per mmBtu of actual heat input.* Nitrogen oxides (NOx) emissions shall not exceed 47.64 pounds per hour.* Carbon monoxide (CO) emissions shall not exceed 3.67 pounds per hour.* Organic compound (OC) emissions shall not exceed 1.06 pounds per hour.* *The emission limitations outlined above



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		<p>are based on the emission unit's potential to emit (PTE). Therefore, no records are required to demonstrate compliance with these limits.</p> <p>See c)(2).</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D) and OAC rule 3745-17-07(A)(1).</p>
b.	OAC rule 3745-31-05(D), as effective 11/30/2001 Synthetic Minor to Avoid Title V	See b)(2)a. and c)(1).
c.	OAC rule 3745-18-06(G)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
d.	OAC rule 3745-17-11(B)(5)(b)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
e.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.

(2) Additional Terms and Conditions

- a. The maximum total annual emissions from this emissions unit shall not exceed the following emission limitations based upon a rolling, 12-month summation:
 - 0.43 tons per year PE/PM10;
 - 0.95 tons per year SO₂;
 - 28.58 tons per year NO_x;
 - 2.20 tons per year CO; and
 - 0.64 tons per year OC.
- b. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of low sulfur diesel fuel and compliance with the emission limitations and fuel usage limitations.

c) Operational Restrictions

- (1) The maximum annual diesel fuel usage for this emissions unit shall not exceed 170,640 gallons per year, based upon a rolling, 12-month summation of the diesel fuel usage.
- (2) The quality of diesel fuel burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in b)(1)a.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records of the following information:
 - a. The number of gallons of diesel fuel burned for each calendar month;
 - b. The rolling 12-month summation of the diesel fuel usage; and
 - c. The rolling 12-month emissions for PE/PM10, SO₂, NO_x, CO, and OC.
- (2) For each shipment of diesel fuel received for burning in this emissions unit, the permittee shall maintain records of the total quantity of diesel fuel received, the permittee's or diesel fuel supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F). A shipment may be comprised of multiple tank truck loads from the same supplier's batch, or may be represented by single or multiple pipeline deliveries from the same supplier's batch, and the quality of the diesel fuel for those loads or pipeline deliveries may be represented by a single batch analysis from the supplier.

The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods, such as D240 Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter and D4294, Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy-Dispersive X-Ray Fluorescence Spectrometry, or equivalent methods as approved by the director.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is

considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

- (2) The permittee shall submit quarterly deviation (excursion) reports that identify:
- a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. PE/PM10, SO₂, NO_x, CO, and OC emissions limitations outlined in b)(2)a.; and
 - ii. Diesel fuel usage limitation outlined in c)(1).
 - b. the probable cause of each deviation (excursion);
 - c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
 - d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:
- a. Emission Limitation:

Particulate emissions (PE) and particulate matter emissions 10 microns and less in diameter (PM10) shall not exceed 0.037 pound per mmBtu of actual heat input.



Applicable Compliance Method:

Compliance shall be based upon the reported manufacturer's emission factor of 0.00506 lb PE/PM10 per gallon of fuel oil burned, divided by the heat content of the fuel oil of 0.1365 mmBtu/gallon. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

b. Emission Limitation:

Sulfur dioxide (SO₂) emissions shall not exceed 0.081 pound per mmBtu of actual heat input.

Applicable Compliance Method:

Compliance shall be determined by the record keeping and analysis requirements specified in d)(2) and the use of the equation contained in OAC rule 3745-18-04(F)(2). Compliance shall be determined by the reported permittee's tested emission factor of 0.0111 lb SO₂/gallon of fuel oil burned, divided by the heat content of the fuel oil of 0.1365 mmBtu/gallon.

c. Emission Limitation:

Nitrogen oxides (NO_x) emissions shall not exceed 47.64 pounds per hour.
Carbon monoxide (CO) emissions shall not exceed 3.67 pounds per hour.
Organic compound (OC) emissions shall not exceed 1.06 pounds per hour.

Applicable Compliance Method:

Compliance shall be based upon the reported manufacturer's emission factor of 0.335 lb NO_x/gallon of fuel oil burned, multiplied by the maximum hourly fuel burning capacity of 142.2 gallons/hour for this emissions unit. If required, compliance shall be based upon stack testing in accordance with either USEPA Reference Methods 1 through 4 and 7 or 7A (as appropriate) of 40 CFR Part 60, Appendix A.

Compliance shall be based upon the reported manufacturer's emission rate of 0.0258 lb CO/gallon of fuel oil burned, multiplied by the maximum hourly fuel burning capacity of 142.2 gallons/hour for this emissions unit. If required, compliance shall be based upon stack testing in accordance with USEPA Reference Methods 1 through 4 and 10 of 40 CFR Part 60, Appendix A.

Compliance shall be based upon the reported manufacturer's emission rate of 0.00745 lb OC/gallon of fuel oil burned, multiplied by the maximum hourly fuel burning capacity of 142.2 gallons/hour for this emissions unit. If required, compliance shall be based upon stack testing in accordance with USEPA Reference Methods 1 through 4 and 25 or 25a (as appropriate) of 40 CFR Part 60, Appendix A.



d. Emission Limitation:

PE/PM10 emissions shall not exceed 0.43 tons per year, as a rolling 12-month summation.

Applicable Compliance Method:

Compliance shall be determined by the record keeping as specified in d)(1) and shall be the sum of the current monthly diesel fuel usage plus the 11 previous consecutive monthly fuel usage records multiplied by an emission factor of 0.00506 lb PE/PM10 per gallon of fuel oil burned, divided by 2,000 pounds per ton.

e. Emission Limitation:

SO2 emissions shall not exceed 0.95 tons per year, as a rolling 12-month summation.

Applicable Compliance Method:

Compliance shall be determined by the record keeping as specified in d)(1) and shall be the sum of the current monthly diesel fuel usage plus the 11 previous consecutive monthly fuel usage records multiplied by an emission factor of 0.0111 lb SO2/gallon of fuel oil burned, divided by 2,000 pounds per ton.

f. Emission Limitation:

NOx emissions shall not exceed 28.58 tons per year, as a rolling 12-month summation.

Applicable Compliance Method:

Compliance shall be determined by the record keeping as specified in d)(1) and shall be the sum of the current monthly diesel fuel usage plus the 11 previous consecutive monthly fuel usage records multiplied by an emission factor of 0.335 lb NOx/gallon of fuel oil burned, and dividing by 2,000 pounds per ton.

g. Emission Limitation:

CO emissions shall not exceed 2.20 tons per year, as a rolling 12-month summation.

Applicable Compliance Method:

Compliance shall be determined by the record keeping as specified in d)(1) and shall be the sum of the current monthly diesel fuel usage plus the 11 previous consecutive monthly fuel usage records multiplied by an emission factor of 0.0258 lb CO/gallon of fuel oil burned, divided by 2,000 pounds per ton.



h. Emission Limitation:

OC emissions shall not exceed 0.64 tons per year, as a rolling 12-month summation.

Applicable Compliance Method:

Compliance shall be determined by the record keeping as specified in d)(1) and shall be the sum of the current monthly diesel fuel usage plus the 11 previous consecutive monthly fuel usage records multiplied by an emission factor of 0.00745 lb OC/gallon of fuel oil burned, divided by 2,000 pounds per ton.

i. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, Compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

(2) Compliance with the diesel fuel usage limitation in c)(1) shall be determined in accordance with the record keeping specified in d)(1).

g) Miscellaneous Requirements

(1) None.