

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION**

EFFECTIVE DATE: April 27, 2015
REVISION DATE: June 16, 2016, June 19, 2017

ISSUED TO:

TES Filer City Station

State Registration Number (SRN): N1685

LOCATED AT:

700 Mee Street, Filer City, Manistee County, Michigan 49634

RENEWABLE OPERATING PERMIT

Permit Number: MI-ROP-N1685-2015b

Expiration Date: April 27, 2020

Administratively Complete ROP Renewal Application Due Between:
October 27, 2018 and October 27, 2019

This Renewable Operating Permit (ROP) is issued in accordance with and subject to Section 5506(3) of Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451). Pursuant to Michigan Air Pollution Control Rule 210(1), this ROP constitutes the permittee's authority to operate the stationary source identified above in accordance with the general conditions, special conditions and attachments contained herein. Operation of the stationary source and all emission units listed in the permit are subject to all applicable future or amended rules and regulations pursuant to Act 451 and the federal Clean Air Act.

SOURCE-WIDE PERMIT TO INSTALL

Permit Number: MI-PTI-N1685-2015b

This Permit to Install (PTI) is issued in accordance with and subject to Section 5505(5) of Act 451. Pursuant to Michigan Air Pollution Control Rule 214a, the terms and conditions herein, identified by the underlying applicable requirement citation of Rule 201(1)(a), constitute a federally enforceable PTI. The PTI terms and conditions do not expire and remain in effect unless the criteria of Rule 201(6) are met. Operation of all emission units identified in the PTI is subject to all applicable future or amended rules and regulations pursuant to Act 451 and the federal Clean Air Act.

Michigan Department of Environmental Quality



Shane Nixon, Cadillac District Supervisor

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AUTHORITY AND ENFORCEABILITY

For the purpose of this permit, the **permittee** is defined as any person who owns or operates an emission unit at a stationary source for which this permit has been issued. The **department** is defined in Rule 104(d) as the Director of the Michigan Department of Environmental Quality (MDEQ) or his or her designee.

The permittee shall comply with all specific details in the permit terms and conditions and the cited underlying applicable requirements. All terms and conditions in this ROP are both federally enforceable and state enforceable unless otherwise footnoted. Certain terms and conditions are applicable to most stationary sources for which an ROP has been issued. These general conditions are included in Part A of this ROP. Other terms and conditions may apply to a specific emission unit, several emission units which are represented as a flexible group, or the entire stationary source which is represented as a Source-Wide group. Special conditions are identified in Parts B, C, D and/or the appendices.

In accordance with Rule 213(2)(a), all underlying applicable requirements are identified for each ROP term or condition. All terms and conditions that are included in a PTI are streamlined, subsumed and/or are state-only enforceable will be noted as such.

In accordance with Section 5507 of Act 451, the permittee has included in the ROP application a compliance certification, a schedule of compliance, and a compliance plan. For applicable requirements with which the source is in compliance, the source will continue to comply with these requirements. For applicable requirements with which the source is not in compliance, the source will comply with the detailed schedule of compliance requirements that are incorporated as an appendix in this ROP. Furthermore, for any applicable requirements effective after the date of issuance of this ROP, the stationary source will meet the requirements on a timely basis, unless the underlying applicable requirement requires a more detailed schedule of compliance.

Issuance of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.

A. GENERAL CONDITIONS

Permit Enforceability

- All conditions in this permit are both federally enforceable and state enforceable unless otherwise noted. **(R 336.1213(5))**
- Those conditions that are hereby incorporated in a state-only enforceable Source-Wide PTI pursuant to Rule 201(2)(d) are designated by footnote one. **(R 336.1213(5)(a), R 336.1214a(5))**
- Those conditions that are hereby incorporated in a federally enforceable Source-Wide PTI pursuant to Rule 201(2)(c) are designated by footnote two. **(R 336.1213(5)(b), R 336.1214a(3))**

General Provisions

1. The permittee shall comply with all conditions of this ROP. Any ROP noncompliance constitutes a violation of Act 451, and is grounds for enforcement action, for ROP revocation or revision, or for denial of the renewal of the ROP. All terms and conditions of this ROP that are designated as federally enforceable are enforceable by the Administrator of the United States Environmental Protection Agency (USEPA) and by citizens under the provisions of the federal Clean Air Act (CAA). Any terms and conditions based on applicable requirements which are designated as "state-only" are not enforceable by the USEPA or citizens pursuant to the CAA. **(R 336.1213(1)(a))**
2. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this ROP. **(R 336.1213(1)(b))**
3. This ROP may be modified, revised, or revoked for cause. The filing of a request by the permittee for a permit modification, revision, or termination, or a notification of planned changes or anticipated noncompliance does not stay any ROP term or condition. This does not supersede or affect the ability of the permittee to make changes, at the permittee's own risk, pursuant to Rule 215 and Rule 216. **(R 336.1213(1)(c))**
4. The permittee shall allow the department, or an authorized representative of the department, upon presentation of credentials and other documents as may be required by law and upon stating the authority for and purpose of the investigation, to perform any of the following activities: **(R 336.1213(1)(d))**
 - a. Enter, at reasonable times, a stationary source or other premises where emissions-related activity is conducted or where records must be kept under the conditions of the ROP.
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the ROP.
 - c. Inspect, at reasonable times, any of the following:
 - i. Any stationary source.
 - ii. Any emission unit.
 - iii. Any equipment, including monitoring and air pollution control equipment.
 - iv. Any work practices or operations regulated or required under the ROP.
 - d. As authorized by Section 5526 of Act 451, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the ROP or applicable requirements.
5. The permittee shall furnish to the department, within a reasonable time, any information the department may request, in writing, to determine whether cause exists for modifying, revising, or revoking the ROP or to determine compliance with this ROP. Upon request, the permittee shall also furnish to the department copies of any records that are required to be kept as a term or condition of this ROP. For information which is claimed by the permittee to be confidential, consistent with the requirements of the 1976 PA 442, MCL §15.231 et seq., and known as the Freedom of Information Act, the person may also be required to furnish the records directly to the USEPA together with a claim of confidentiality. **(R 336.1213(1)(e))**

6. A challenge by any person, the Administrator of the USEPA, or the department to a particular condition or a part of this ROP shall not set aside, delay, stay, or in any way affect the applicability or enforceability of any other condition or part of this ROP. **(R 336.1213(1)(f))**
7. The permittee shall pay fees consistent with the fee schedule and requirements pursuant to Section 5522 of Act 451. **(R 336.1213(1)(g))**
8. This ROP does not convey any property rights or any exclusive privilege. **(R 336.1213(1)(h))**

Equipment & Design

9. Any collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in Rule 370(2).² **(R 336.1370)**
10. Any air cleaning device shall be installed, maintained, and operated in a satisfactory manner and in accordance with the Michigan Air Pollution Control rules and existing law. **(R 336.1910)**

Emission Limits

11. Unless otherwise specified in this ROP, the permittee shall comply with Rule 301, which states, in part, "Except as provided in subrules 2, 3, and 4 of this rule, a person shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of a density greater than the most stringent of the following":² **(R 336.1301(1))**
 - a. A 6-minute average of 20 percent opacity, except for one 6-minute average per hour of not more than 27 percent opacity.
 - b. A limit specified by an applicable federal new source performance standard.

The grading of visible emissions shall be determined in accordance with Rule 303.

12. The permittee shall not cause or permit the emission of an air contaminant or water vapor in quantities that cause, alone or in reaction with other air contaminants, either of the following:
 - a. Injurious effects to human health or safety, animal life, plant life of significant economic value, or property.¹ **(R 336.1901(a))**
 - b. Unreasonable interference with the comfortable enjoyment of life and property.¹ **(R 336.1901(b))**

Testing/Sampling

13. The department may require the owner or operator of any source of an air contaminant to conduct acceptable performance tests, at the owner's or operator's expense, in accordance with Rule 1001 and Rule 1003, under any of the conditions listed in Rule 1001(1).² **(R 336.2001)**
14. Any required performance testing shall be conducted in accordance with Rule 1001(2), Rule 1001(3) and Rule 1003. **(R 336.2001(2), R 336.2001(3), R 336.2003(1))**
15. Any required test results shall be submitted to the Air Quality Division (AQD) in the format prescribed by the applicable reference test method within 60 days following the last date of the test. **(R 336.2001(5))**

Monitoring/Recordkeeping

16. Records of any periodic emission or parametric monitoring required in this ROP shall include the following information specified in Rule 213(3)(b)(i), where appropriate. **(R 336.1213(3)(b))**
 - a. The date, location, time, and method of sampling or measurements.
 - b. The dates the analyses of the samples were performed.
 - c. The company or entity that performed the analyses of the samples.
 - d. The analytical techniques or methods used.
 - e. The results of the analyses.
 - f. The related process operating conditions or parameters that existed at the time of sampling or measurement.
17. All required monitoring data, support information and all reports, including reports of all instances of deviation from permit requirements, shall be kept and furnished to the department upon request for a period of not less than 5 years from the date of the monitoring sample, measurement, report or application. Support information includes all calibration and maintenance records and all original strip-chart recordings, or other original data records, for continuous monitoring instrumentation and copies of all reports required by the ROP. **(R 336.1213(1)(e), R 336.1213(3)(b)(ii))**

Certification & Reporting

18. Except for the alternate certification schedule provided in Rule 213(3)(c)(iii)(B), any document required to be submitted to the department as a term or condition of this ROP shall contain an original certification by a Responsible Official which states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. **(R 336.1213(3)(c))**
19. A Responsible Official shall certify to the appropriate AQD District Office and to the USEPA that the stationary source is and has been in compliance with all terms and conditions contained in the ROP except for deviations that have been or are being reported to the appropriate AQD District Office pursuant to Rule 213(3)(c). This certification shall include all the information specified in Rule 213(4)(c)(i) through (v) and shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the certification are true, accurate, and complete. The USEPA address is: USEPA, Air Compliance Data - Michigan, Air and Radiation Division, 77 West Jackson Boulevard, Chicago, Illinois 60604. **(R 336.1213(4)(c))**
20. The certification of compliance shall be submitted annually for the term of this ROP as detailed in the special conditions, or more frequently if specified in an applicable requirement or in this ROP. **(R 336.1213(4)(c))**
21. The permittee shall promptly report any deviations from ROP requirements and certify the reports. The prompt reporting of deviations from ROP requirements is defined in Rule 213(3)(c)(ii) as follows, unless otherwise described in this ROP. **(R 336.1213(3)(c))**
 - a. For deviations that exceed the emissions allowed under the ROP, prompt reporting means reporting consistent with the requirements of Rule 912 as detailed in Condition 25. All reports submitted pursuant to this paragraph shall be promptly certified as specified in Rule 213(3)(c)(iii).
 - b. For deviations which exceed the emissions allowed under the ROP and which are not reported pursuant to Rule 912 due to the duration of the deviation, prompt reporting means the reporting of all deviations in the semiannual reports required by Rule 213(3)(c)(i). The report shall describe reasons for each deviation and the actions taken to minimize or correct each deviation.
 - c. For deviations that do not exceed the emissions allowed under the ROP, prompt reporting means the reporting of all deviations in the semiannual reports required by Rule 213(3)(c)(i). The report shall describe the reasons for each deviation and the actions taken to minimize or correct each deviation.

22. For reports required pursuant to Rule 213(3)(c)(ii), prompt certification of the reports is described in Rule 213(3)(c)(iii) as either of the following **(R 336.1213(3)(c))**:
- Submitting a certification by a Responsible Official with each report which states that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
 - Submitting, within 30 days following the end of a calendar month during which one or more prompt reports of deviations from the emissions allowed under the ROP were submitted to the department pursuant to Rule 213(3)(c)(ii), a certification by a Responsible Official which states that, "based on information and belief formed after reasonable inquiry, the statements and information contained in each of the reports submitted during the previous month were true, accurate, and complete". The certification shall include a listing of the reports that are being certified. Any report submitted pursuant to Rule 213(3)(c)(ii) that will be certified on a monthly basis pursuant to this paragraph shall include a statement that certification of the report will be provided within 30 days following the end of the calendar month.
23. Semiannually for the term of the ROP as detailed in the special conditions, or more frequently if specified, the permittee shall submit certified reports of any required monitoring to the appropriate AQD District Office. All instances of deviations from ROP requirements during the reporting period shall be clearly identified in the reports. **(R 336.1213(3)(c)(i))**
24. On an annual basis, the permittee shall report the actual emissions, or the information necessary to determine the actual emissions, of each regulated air pollutant as defined in Rule 212(6) for each emission unit utilizing the emissions inventory forms provided by the department. **(R 336.1212(6))**
25. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the appropriate AQD District Office. The notice shall be provided not later than two business days after the start-up, shutdown, or discovery of the abnormal conditions or malfunction. Notice shall be by any reasonable means, including electronic, telephonic, or oral communication. Written reports, if required under Rule 912, must be submitted to the appropriate AQD District Supervisor within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal conditions or malfunction has been corrected, or within 30 days of discovery of the abnormal conditions or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5) and shall be certified by a Responsible Official in a manner consistent with the CAA.² **(R 336.1912)**

Permit Shield

26. Compliance with the conditions of the ROP shall be considered compliance with any applicable requirements as of the date of ROP issuance, if either of the following provisions is satisfied. **(R 336.1213(6)(a)(i), R 336.1213(6)(a)(ii))**
- The applicable requirements are included and are specifically identified in the ROP.
 - The permit includes a determination or concise summary of the determination by the department that other specifically identified requirements are not applicable to the stationary source.

Any requirements identified in Part E of this ROP have been identified as non-applicable to this ROP and are included in the permit shield.

27. Nothing in this ROP shall alter or affect any of the following:
- The provisions of Section 303 of the CAA, emergency orders, including the authority of the USEPA under Section 303 of the CAA. **(R 336.1213(6)(b)(i))**
 - The liability of the owner or operator of this source for any violation of applicable requirements prior to or at the time of this ROP issuance. **(R 336.1213(6)(b)(ii))**
 - The applicable requirements of the acid rain program, consistent with Section 408(a) of the CAA. **(R 336.1213(6)(b)(iii))**

- d. The ability of the USEPA to obtain information from a source pursuant to Section 114 of the CAA. **(R 336.1213(6)(b)(iv))**
28. The permit shield shall not apply to provisions incorporated into this ROP through procedures for any of the following:
- a. Operational flexibility changes made pursuant to Rule 215. **(R 336.1215(5))**
 - b. Administrative Amendments made pursuant to Rule 216(1)(a)(i)-(iv). **(R 336.1216(1)(b)(iii))**
 - c. Administrative Amendments made pursuant to Rule 216(1)(a)(v) until the amendment has been approved by the department. **(R 336.1216(1)(c)(iii))**
 - d. Minor Permit Modifications made pursuant to Rule 216(2). **(R 336.1216(2)(f))**
 - e. State-Only Modifications made pursuant to Rule 216(4) until the changes have been approved by the department. **(R 336.1216(4)(e))**
29. Expiration of this ROP results in the loss of the permit shield. If a timely and administratively complete application for renewal is submitted not more than 18 months, but not less than 6 months, before the expiration date of the ROP, but the department fails to take final action before the end of the ROP term, the existing ROP does not expire until the renewal is issued or denied, and the permit shield shall extend beyond the original ROP term until the department takes final action. **(R 336.1217(1)(c), R 336.1217(1)(a))**

Revisions

30. For changes to any process or process equipment covered by this ROP that do not require a revision of the ROP pursuant to Rule 216, the permittee must comply with Rule 215. **(R 336.1215, R 336.1216)**
31. A change in ownership or operational control of a stationary source covered by this ROP shall be made pursuant to Rule 216(1). **(R 336.1219(2))**
32. For revisions to this ROP, an administratively complete application shall be considered timely if it is received by the department in accordance with the time frames specified in Rule 216. **(R 336.1210(10))**
33. Pursuant to Rule 216(1)(b)(iii), Rule 216(2)(d) and Rule 216(4)(d), after a change has been made, and until the department takes final action, the permittee shall comply with both the applicable requirements governing the change and the ROP terms and conditions proposed in the application for the modification. During this time period, the permittee may choose to not comply with the existing ROP terms and conditions that the application seeks to change. However, if the permittee fails to comply with the ROP terms and conditions proposed in the application during this time period, the terms and conditions in the ROP are enforceable. **(R 336.1216(1)(c)(iii), R 336.1216(2)(d), R 336.1216(4)(d))**

Reopenings

34. A ROP shall be reopened by the department prior to the expiration date and revised by the department under any of the following circumstances:
- a. If additional requirements become applicable to this stationary source with three or more years remaining in the term of the ROP, but not if the effective date of the new applicable requirement is later than the ROP expiration date. **(R 336.1217(2)(a)(i))**
 - b. If additional requirements pursuant to Title IV of the CAA become applicable to this stationary source. **(R 336.1217(2)(a)(ii))**
 - c. If the department determines that the ROP contains a material mistake, information required by any applicable requirement was omitted, or inaccurate statements were made in establishing emission limits or the terms or conditions of the ROP. **(R 336.1217(2)(a)(iii))**
 - d. If the department determines that the ROP must be revised to ensure compliance with the applicable requirements. **(R 336.1217(2)(a)(iv))**

Renewals

35. For renewal of this ROP, an administratively complete application shall be considered timely if it is received by the department not more than 18 months, but not less than 6 months, before the expiration date of the ROP. **(R 336.1210(8))**

Stratospheric Ozone Protection

36. If the permittee is subject to Title 40 of the Code of Federal Regulations (CFR), Part 82 and services, maintains, or repairs appliances except for motor vehicle air conditioners (MVAC), or disposes of appliances containing refrigerant, including MVAC and small appliances, or if the permittee is a refrigerant reclaimer, appliance owner or a manufacturer of appliances or recycling and recovery equipment, the permittee shall comply with all applicable standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F.
37. If the permittee is subject to 40 CFR Part 82, and performs a service on motor (fleet) vehicles when this service involves refrigerant in the MVAC, the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed by the original equipment manufacturer. The term MVAC as used in Subpart B does not include the air-tight sealed refrigeration system used for refrigerated cargo or an air conditioning system on passenger buses using Hydrochlorofluorocarbon-22 refrigerant.

Risk Management Plan

38. If subject to Section 112(r) of the CAA and 40 CFR Part 68, the permittee shall register and submit to the USEPA the required data related to the risk management plan for reducing the probability of accidental releases of any regulated substances listed pursuant to Section 112(r)(3) of the CAA as amended in 40 CFR Part 68.130. The list of substances, threshold quantities, and accident prevention regulations promulgated under 40 CFR Part 68, do not limit in any way the general duty provisions under Section 112(r)(1).
39. If subject to Section 112(r) of the CAA and 40 CFR Part 68, the permittee shall comply with the requirements of 40 CFR Part 68, no later than the latest of the following dates as provided in 40 CFR 68.10(a):
- June 21, 1999,
 - Three years after the date on which a regulated substance is first listed under 40 CFR 68.130, or
 - The date on which a regulated substance is first present above a threshold quantity in a process.
40. If subject to Section 112(r) of the CAA and 40 CFR Part 68, the permittee shall submit any additional relevant information requested by any regulatory agency necessary to ensure compliance with the requirements of 40 CFR Part 68.
41. If subject to Section 112(r) of the CAA and 40 CFR Part 68, the permittee shall annually certify compliance with all applicable requirements of Section 112(r) as detailed in Rule 213(4)(c)). **(40 CFR Part 68)**

Emission Trading

42. Emission averaging and emission reduction credit trading are allowed pursuant to any applicable interstate or regional emission trading program that has been approved by the Administrator of the USEPA as a part of Michigan's State Implementation Plan. Such activities must comply with Rule 215 and Rule 216. **(R 336.1213(12))**

Permit To Install (PTI)

43. The process or process equipment included in this permit shall not be reconstructed, relocated, or modified unless a PTI authorizing such action is issued by the department, except to the extent such action is exempt from the PTI requirements by any applicable rule.² **(R 336.1201(1))**
44. The department may, after notice and opportunity for a hearing, revoke PTI terms or conditions if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of the PTI or is violating the department's rules or the CAA.² **(R 336.1201(8), Section 5510 of Act 451)**
45. The terms and conditions of a PTI shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by the PTI. If a new owner or operator submits a written request to the department pursuant to Rule 219 and the department approves the request, this PTI will be amended to reflect the change of ownership or operational control. The request must include all of the information required by Subrules (1)(a), (b) and (c) of Rule 219. The written request shall be sent to the appropriate AQD District Supervisor, MDEQ.² **(R 336.1219)**
46. If the installation, reconstruction, relocation, or modification of the equipment for which PTI terms and conditions have been approved has not commenced within 18 months of the original PTI issuance date, or has been interrupted for 18 months, the applicable terms and conditions from that PTI, as incorporated into the ROP, shall become void unless otherwise authorized by the department. Furthermore, the person to whom that PTI was issued, or the designated authorized agent, shall notify the department via the Supervisor, Permit Section, MDEQ, AQD, P. O. Box 30260, Lansing, Michigan 48909, if it is decided not to pursue the installation, reconstruction, relocation, or modification of the equipment allowed by the terms and conditions from that PTI.² **(R 336.1201(4))**

Footnotes:

¹This condition is state-only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

B. SOURCE-WIDE CONDITIONS

Part B outlines the Source-Wide Terms and Conditions that apply to this stationary source. The permittee is subject to these special conditions for the stationary source in addition to the general conditions in Part A and any other terms and conditions contained in this ROP.

The permittee shall comply with all specific details in the special conditions and the underlying applicable requirements cited. If a specific condition type does not apply to this source, NA (not applicable) has been used in the table. If there are no Source-Wide Conditions, this section will be left blank.

SOURCE-WIDE CONDITIONS

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not operate the facility unless a program for continuous fugitive emissions control for all plant roadways, the plant yard, all material storage piles, and all material handling operations contained in a "Fugitive Dust Plan" is implemented and maintained.² **(40 CFR 52.21, Act 451 324.5524)**

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall keep records of quantities of water or dust suppressant used on storage piles and roadways, and dates of application.² **(40 CFR 52.21, Act 451 324.5524)**
2. The permittee shall keep records of dates roadways and parking areas were swept.² **(40 CFR 52.21, Act 451 324.5524)**

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
NA	NA	NA	NA

IX. OTHER REQUIREMENT(S)

1. TES Filer City Station shall not accept any deliveries to the facility of any petroleum coke, except as allowed in SC IX.2. By March 31, 2016, all petroleum coke shall be removed from the facility and petroleum coke shall not be stored at the facility thereafter. It is acknowledged that some residual petroleum coke may remain on site.^{2,3} **(Act 451 324.5503(b))**
2. If TES Filer City Station elects to accept deliveries of any petroleum coke at the facility, then it shall install at least one continuous Federal Equivalent Method (FEM) real-time particulate matter (PM-10) monitor and at least one Federal Reference Method (FRM) PM-10 filter-based monitor operating every third day, as detailed in Appendix 3 of this ROP.^{2,3} **(Act 451 324.5503(b))**

Footnotes:

¹This condition is state-only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

³This condition is federally enforceable and was originally established in the TES Filer City Station Agreed Administrative Consent Order and Information Request Effective November 23, 2015 and also pursuant to Act 451 324.5503(b), and will remain in effect after termination of the administrative consent order.

C. EMISSION UNIT CONDITIONS

Part C outlines terms and conditions that are specific to individual emission units listed in the Emission Unit Summary Table. The permittee is subject to the special conditions for each emission unit in addition to the General Conditions in Part A and any other terms and conditions contained in this ROP.

The permittee shall comply with all specific details in the special conditions and the underlying applicable requirements cited. If a specific condition type does not apply, NA (not applicable) has been used in the table. If there are no conditions specific to individual emission units, this section will be left blank.

EMISSION UNIT SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Emission Unit ID	Emission Unit Description (Including Process Equipment & Control Device(s))	Installation Date/ Modification Date	Flexible Group ID
EUBOILER01	Boiler #1 and its associated dry scrubbing system and baghouse. The boiler is a spreader-stoker firing configuration. The primary fuel is coal with the following supplemental fuels: wood and wood waste, construction/demolition material, petroleum coke, Tire Derived Fuel (TDF), and natural gas. The nominal heat input rating of the boiler is 384 MMBTU/hr including two low NOx natural gas-fired burners, with each burner rated at 100 MMBTU/hr.	01-01-1990 / 07-21-2015	FGBOILERS
EUBOILER02	Boiler #2 and its associated dry scrubbing system and baghouse. The boiler is a spreader-stoker firing configuration. The primary fuel is coal with the following supplemental fuels: wood and wood waste, construction/demolition material, petroleum coke, Tire Derived Fuel (TDF), and natural gas. The nominal heat input rating of the boiler is 384 MMBTU/hr including two low NOx natural gas-fired burners, with each burner rated at 100 MMBTU/hr.	01-01-1990 / 07-21-2015	FGBOILERS
EULIMESTORAGE	The lime storage and handling system consists of all lime handling and storage equipment including blowers, augers, conveyors, silos and slurry tank up to the lime scrubbers.	11-01-1991 / NA	NA
EUASHUNLOAD	The all ash/by-products unloading group consisting of all fly ash collection and transfer equipment conveyors, augers, piping and silos along with an unloading baghouse.	11-01-1991 / NA	NA
EUACOALPETCOKESTR	The coal and petroleum coke storage system consisting of all coal and coal/petroleum coke piles and handling equipment including augers, conveyors and hoppers up to Boiler #1 and Boiler #2.	01-01-1990 / NA	FGFUELSTORAGE

Emission Unit ID	Emission Unit Description (Including Process Equipment & Control Device(s))	Installation Date/ Modification Date	Flexible Group ID
EUWOODSTORAGE	The wood storage system consisting of all wood piles and handling equipment including augers, conveyors and hoppers up to Boiler #1 and Boiler #2.	01-01-1990 / NA	FGFUELSTORAGE
EUCDMTSTORAGE	The construction demolition material storage system consists of all construction demolition material piles and handling equipment including augers, conveyors and hoppers up to Boiler #1 and Boiler #2.	01-11-1996 / NA	FGFUELSTORAGE
EUEMERGEN	175 kilowatt (275 HP) natural gas-fired emergency generator.	01-01-1990 / NA	NA
EUFIREPUMP	139 kilowatt (187 HP) diesel-fired emergency fire pump.	01-01-1990 / NA	NA

**EULIMESTORAGE
 EMISSION UNIT CONDITIONS**

DESCRIPTION

The lime storage and handling system consists of all lime handling and storage equipment including blowers, augers, conveyors, silos, and slurry tank up to the lime scrubbers.

Flexible Group ID: NA

POLLUTION CONTROL EQUIPMENT

Lime silo bin vent filter.

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Particulate matter	0.03 grains per dry standard cubic foot of exhaust gases ²	Test protocol*	EULIMESTORAGE	SC V.1 and SC V.2	40 CFR 52.21(j) R 336.1331(1)(c)
2. Visible emissions	5 percent opacity	6-minute average	EULIMESTORAGE	SC V.1	40 CFR 52.21(j) R 336.1301(1)(c)

*Test protocol shall specify averaging time

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. Permittee shall not operate the lime storage and handling equipment unless the bin vent filter is installed, maintained and operating properly.² (R 336.1910)

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. (R 336.1213(3)(b)(ii))

1. The permittee shall perform and record the results of 6-minute non-certified visible emission observations of the lime handling bin vent filter at least once each time the silo is being filled. Records shall also be maintained in the event the silo is being filled during the nighttime and visible emission observations are not possible. The visible emission observation shall simply verify the presence of visible emissions and need not follow the procedures specified in USEPA Test Method 9. If visible emissions are observed, the permittee shall immediately implement the following procedures: (R 336.1213(3))
 - a. If visible emissions are observed during the 6-minute non-certified visible emissions observation, discharge through the lime storage silo bin vent filter shall be halted as quickly as possible and the

permittee shall immediately initiate and document corrective actions. Upon recommencing discharge through the lime storage silo bin vent filter, another set of 6-minute visible emission observations shall be conducted in accordance with SC V.1, or

- b. If visible emissions are observed during the 6-minute non-certified visible emissions observation, the permittee shall perform and record the results of a 15-minute USEPA Test Method 9 visible emission observation, and
 - c. If the results of the USEPA Test Method 9 visible emission observation indicate an exceedance of the visible emission limit in SC I.2, the permittee shall immediately initiate and document corrective actions.
2. The permittee shall conduct stack testing to determine particulate matter emission rates from EULIMESTORAGE upon request of the AQD District Supervisor. **(R 336.1213(3))**

VI. MONITORING/RECORDKEEPING

NA

VII. REPORTING

- 1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
- 2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
- 3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**
- 4. The permittee shall submit two complete test protocols to the AQD, one to the Technical Programs Unit Supervisor and one to the District Supervisor for approval at least 30 days prior to the anticipated test dates for particulate matter. The protocol shall describe the test method(s) and the maximum routine operating conditions, as well as targets for key operational parameters associated with air pollution control equipment to be monitored and recorded during testing. **(R 336.2001(3))**
- 5. The permittee shall notify the AQD Technical Programs Unit Supervisor and the District Supervisor no less than 7 days prior to the anticipated test dates for PM. **(R 336.2001(4))**
- 6. The permittee shall submit two complete test reports of the test results for particulate matter to the AQD, one to the Technical Programs Unit Supervisor and one to the District Supervisor, within 60 days following the last date of the test. **(R 336.2001(5))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
NA	NA	NA	NA

IX. OTHER REQUIREMENT(S)

NA

Footnotes:

¹This condition is state-only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

**EUASHUNLOAD
 EMISSION UNIT CONDITIONS**

DESCRIPTION

The ash/by-products unloading system consists of all fly ash collection and transfer equipment conveyors, augers, piping, and silos along with an unloading baghouse. It also includes all bottom ash handling equipment including augers, conveyors and silos on EUBOILER01 and EUBOILER02. A rotary unloader adds moisture to the ash/by-products from the silo and loads ash/by-products into dump trucks through an enclosed tube.

Flexible Group ID: NA

POLLUTION CONTROL EQUIPMENT

Ash silo bin vent filter, ash unloading baghouse, fly ash removal system baghouse, bottom ash system cyclone, and bottom ash removal system baghouse.

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Particulate matter	0.03 grains per dry standard cubic foot of exhaust gas ²	Test protocol*	EUASHUNLOAD	SC V.1 and SC V.2	40 CFR 52.21(j) R 336.1331(1)(c)
2. Visible emissions	5 percent opacity ²	6-minute average	EUASHUNLOAD	SC V.1	40 CFR 52.21(j) R 336.1301(1)(c)

*Test protocol shall specify averaging time

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. Permittee shall not operate the ash/by-products unloading, storage, and handling equipment unless the associated particulate matter emissions control equipment is installed and operating properly.² **(R 336.1910)**

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall perform and record the results of 6-minute non-certified visible emission observations of all emission points from EUASHUNLOAD at least once each time the silo is being filled. The visible emission observations shall simply verify the presence of visible emissions and need not follow the procedures specified in USEPA Test Method 9. If visible emissions are observed, the permittee shall immediately implement the following procedures: **(R 336.1213(3))**

- a. If visible emissions are observed during the 6-minute non-certified visible emission observation, discharge through the associated baghouse or bin vent filter shall be halted as quickly as possible and the permittee shall immediately initiate and document corrective actions. Upon recommencing discharge through the lime storage silo bin vent filter, another set of 6-minute visible emission observations shall be conducted in accordance with SC V.1, or
 - b. If visible emissions are observed during the 6-minute non-certified visible emissions observations, the permittee shall perform and record the results of a 15-minute USEPA Test Method 9 visible emission observation, and
 - c. If the results of the USEPA Test Method 9 visible emission observations indicate an exceedance of the visible emission limit in SC I.2, the permittee shall immediately initiate and document corrective actions.
2. The Permittee shall conduct stack testing to determine particulate matter emission rates from EUASHUNLOAD upon request of the AQD District Supervisor. **(R 336.1213(3))**

VI. MONITORING/RECORDKEEPING

NA

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**
4. The permittee shall submit two complete test protocols to the AQD, one to the Technical Programs Unit Supervisor and one to the District Supervisor for approval at least 30 days prior to the anticipated test dates for particulate matter. The protocol shall describe the test method(s) and the maximum routine operating conditions, as well as targets for key operational parameters associated with air pollution control equipment to be monitored and recorded during testing. **(R 336.2001(3))**
5. The permittee shall notify the AQD Technical Programs Unit Supervisor and the District Supervisor no less than 7 days prior to the anticipated test dates for PM. **(R 336.2001(4))**
6. The permittee shall submit two complete test reports of the test results for particulate matter to the AQD, one to the Technical Programs Unit Supervisor and one to the District Supervisor, within 60 days following the last date of the test. **(R 336.2001(5))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
NA	NA	NA	NA

IX. OTHER REQUIREMENT(S)

NA

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

**EUEMERGEN
 EMISSION UNIT CONDITIONS**

DESCRIPTION

175 kW (275 HP) existing natural gas-fired emergency generator.

Flexible Group ID: NA

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee may operate EUEMERGEN as necessary during emergencies with no time limit. **(40 CFR 63.6640(f)(1))**
2. The permittee shall minimize the time spent at idle and minimize start-up to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. **(40 CFR 63.6625(h))**
3. The permittee must comply with the following operational requirements:
 - a. Change oil and filter every 500 hours of operation or annually, whichever comes first, except as allowed in SC III.4;
 - b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace if necessary;
 - c. Inspect all hoses and belts every 500 hours or operation or annually, whichever comes first, and replace if necessary.

If EUEMERGEN is operated during an emergency and it is not possible to shut down the engine to perform the work practice standards on the schedule required work practice standard can be delayed until the emergency is over. The work practice should be performed as soon as practicable after the emergency has ended. **(40 CFR 63.6602, 40 CFR Part 63, Subpart ZZZZ Table 2c, Item 6)**

4. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in SC III.3. The oil analysis program must be performed at the same frequency specified for changing the oil in SC III.3. The oil analysis shall test for the following limits:
 - a. Total Acid Number has increased by more than 3.0 milligrams of potassium hydroxide (KOH) per gram from the Total Acid Number of the oil when new;
 - b. Viscosity of the oil has changed by 20 percent from the viscosity of the oil when new;
 - c. Percent water content (by volume) is greater than 0.5 percent.

If any of the limits are exceeded, the permittee must change the oil within two days of receiving the results of the analysis. If the engine is not in operation when the results of the analysis are received, the permittee must change the oil within two days or before commencing operation, whichever is later. The analysis program must be part of the maintenance plan for EUEMERGEN. **(40 CFR 63.6625(j))**

5. The permittee must be in compliance with the emission limitations, operating limitations, and other requirements in 40 CFR Part 63, Subpart ZZZZ that apply to EUEMERGEN at all times. **(40 CFR 63.6605(a))**
6. The permittee at all times must operate and maintain EUEMERGEN in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by 40 CFR Part 63, Subpart ZZZZ have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the EUEMERGEN. **(40 CFR 63.6605(b))**
7. The permittee must operate and maintain EUEMERGEN according to the manufacturer's emission-related written operation and maintenance instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. **(40 CFR 63.6625(e), 40 CFR 63.6640(a), 40 CFR Part 63, Subpart ZZZZ, Table 6, Item 9)**
8. The permittee may operate EUEMERGEN for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the engine manufacturer or vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing are limited to 100 hours per year. **(40 CFR 63.6640(f)(2)(i))**
9. The permittee may operate EUEMERGEN for up to 50 hours per engine per year in non-emergency situations, which are counted as part of the 100 hours of operation allowed under SC III.8. The 50 hours cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity. **(40 CFR 63.6640(f)(3))**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall equip EUEMERGEN with a non-resettable hour meter. **(40 CFR 63.6625(f))**

V. TESTING/SAMPLING

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall keep the following records: **(40 CFR 63.6655)**
 - a. A copy of each notification and report submitted to comply with 40 CFR Part 63, Subpart ZZZZ, including all documentation supporting any initial Notification or Notification of Compliance Status, according to the requirements of 40 CFR 63.10(b)(2)(xiv).
 - b. Records of the occurrence and duration of each malfunction of operation.

- c. Records of actions taken during period of malfunctions to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning equipment to its normal or usual manner of operation.
 - d. Records of the maintenance conducted on EUEMERGEN in order to demonstrate that EUEMERGEN is operated and maintained according to the maintenance plan.
 - e. Records of the hours of operation recorded through the non-resettable hour meter. The permittee shall document how many hours were spent during emergency operation (including what classified the operation as an emergency) and how many hours were spent during non-emergency operation.
 - f. Records to demonstrate continuous compliance with the operating limitations in SC III.7.
2. The permittee shall keep records of the parameters that are analyzed as part of the oil analysis program in SC III.4, the results of the analysis, and the oil changes for the engine. **(40 CFR 63.6625(j))**

VII. REPORTING

- 1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
- 2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i), 40 CFR 63.6640(b), 40 CFR 63.6650(f))**
- 3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
NA	NA	NA	NA

IX. OTHER REQUIREMENT(S)

- 1. The permittee shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants as specified in 40 CFR Part 63, Subparts A and ZZZZ for Stationary Reciprocating Internal Combustion Engine. **(40 CFR Part 63, Subparts A and ZZZZ)**

Footnotes:

¹ This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

² This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

**EUFIREPUMP
 EMISSION UNIT CONDITIONS**

DESCRIPTION

139 kW (187 HP) existing diesel-fired emergency fire pump.

Flexible Group ID: NA

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee may operate EUFIREPUMP as necessary during emergencies with no time limit. **(40 CFR 63.6640(f)(1))**
2. The permittee shall minimize the time spent at idle and minimize start-up to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. **(40 CFR 63.6602, 40 CFR 63.6625(h), 40 CFR Part 63, Subpart ZZZZ, Table 2c, Item 1)**
3. The permittee must comply with the following operational requirements:
 - a. Change oil and filter every 500 hours of operation or annually, whichever comes first, except as allowed in SC III.4;
 - b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace if necessary;
 - c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace if necessary.

If EUFIREPUMP is operated during an emergency and it is not possible to shut down the engine to perform the work practice standards on the schedule required, the work practice standard can be delayed until the emergency is over. **(40 CFR 63.6602, 40 CFR Part 63, Subpart ZZZZ Table 2c, Item 1)**
4. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in SC III.3. The oil analysis program must be performed at the same frequency specified for changing the oil in SC III.3. The oil analysis shall test for the following limits:
 - a. Total Base Number is less than 30 percent of the Total Base Number of the oil when new;
 - b. Viscosity of the oil has changed by 20 percent from the viscosity of the oil when new;
 - c. Percent water content (by volume) is greater than 0.5 percent.

If any of the limits are exceeded, the permittee must change the oil within two days of receiving the results of the analysis. If the engine is not in operation when the results of the analysis are received, the permittee must change the oil within two days or before commencing operation, whichever is later. The analysis program must be part of the maintenance plan for EUFIREPUMP. **(40 CFR 63.6625(i))**

5. The permittee must be in compliance with the emission limitations, operating limitations, and other requirements in 40 CFR Part 63, Subpart ZZZZ that apply to EUFIREPUMP at all times. **(40 CFR 63.6605(a))**
6. The permittee at all times must operate and maintain EUFIREPUMP in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by 40 CFR Part 63, Subpart ZZZZ have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the EUFIREPUMP. **(40 CFR 63.6605(b))**
7. The permittee must operate and maintain EUFIREPUMP according to the manufacturer's emission-related written operation and maintenance instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. **(40 CFR 63.6625(e), 40 CFR 63.6640(a), 40 CFR Part 63, Subpart ZZZZ, Table 6, Item 9)**
8. The permittee may operate EUFIREPUMP for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the engine manufacturer or vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing is limited to 100 hours per year. **(40 CFR 63.6640(f)(2)(i))**
9. The permittee may operate EUFIREPUMP for up to 50 hours per engine per year in non-emergency situations, which are counted as part of the 100 hours of operation allowed under SC III.8. **(40 CFR 63.6640(f)(3))**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall equip EUFIREPUMP with a non-resettable hour meter. **(40 CFR 63.6625(f))**

V. TESTING/SAMPLING

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall keep the following records: **(40 CFR 63.6655)**
 - a. A copy of each notification and report submitted to comply with 40 CFR Part 63, Subpart ZZZZ, including all documentation supporting any initial Notification or Notification of Compliance Status, according to the requirements of 40 CFR 63.10(b)(2)(xiv).
 - b. Records of the occurrence and duration of each malfunction of operation.
 - c. Records of actions taken during period of malfunctions to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning equipment to its normal or usual manner of operation.
 - d. Records of the maintenance conducted on EUFIREPUMP in order to demonstrate that EUFIREPUMP is operated and maintained according to the maintenance plan.
 - e. Records of the hours of operation recorded through the non-resettable hour meter. The permittee shall document how many hours were spent during emergency operation (including what classified the operation as an emergency) and how many hours were spent during non-emergency operation.
 - f. Records to demonstrate continuous compliance with the operating limitations in SC III.7.

- The permittee shall keep records of the parameters that are analyzed as part of the oil analysis program in SC III.4, the results of the analysis, and the oil changes for the engine. **(40 CFR 63.6625(j))**

VII. REPORTING

- Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
- Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i), 40 CFR 63.6640(b), 40 CFR 63.6650(f))**
- Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
NA	NA	NA	NA

IX. OTHER REQUIREMENT(S)

- The permittee shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants as specified in 40 CFR Part 63, Subparts A and ZZZZ for Stationary Reciprocating Internal Combustion Engines. **(40 CFR Part 63, Subparts A and ZZZZ)**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

D. FLEXIBLE GROUP CONDITIONS

Part D outlines the terms and conditions that apply to more than one emission unit. The permittee is subject to the special conditions for each flexible group in addition to the General Conditions in Part A and any other terms and conditions contained in this ROP.

The permittee shall comply with all specific details in the special conditions and the underlying applicable requirements cited. If a specific condition type does not apply, NA (not applicable) has been used in the table. If there are no special conditions that apply to more than one emission unit, this section will be left blank.

FLEXIBLE GROUP SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Flexible Group ID	Flexible Group Description	Associated Emission Unit IDs
FGBOILERS	Boiler #1 and #2 and their associated dry scrubbing system and baghouse. Each boiler is a spreader-stoker firing configuration. The primary fuel is coal with the following supplemental fuels: wood and wood waste, construction/demolition material, petroleum coke, Tire Derived Fuel (TDF), and natural gas. The nominal heat input rating of each boiler is 384 MMBTU/hr including two low NOx natural gas-fired burners per boiler, with each burner rated at 100 MMBTU/hr.	EUBOILER01 EUBOILER02
FGFUELSTORAGE	Coal and coal/petroleum coke piles, wood piles, construction demolition material piles, and all fuel handling equipment including augers, conveyors, and hopper up to Boiler #1 and #2.	EUCOALPETCOKESTR EUWOODSTORAGE EUCDMTSTORAGE

**FGBOILERS
FLEXIBLE GROUP CONDITIONS**

DESCRIPTION

Boiler #1 and #2 and their associated dry scrubbing system and baghouse. Each boiler is a spreader-stoker firing configuration. The primary fuel is coal with the following supplemental fuels: wood and wood waste, construction/demolition material, petroleum coke, Tire Derived Fuel (TDF), and natural gas. The nominal heat input rating of each boiler is 384 MMBTU/hr including two low NOx natural gas-fired burners per boiler, with each burner rated at 100 MMBTU/hr.

Emission Units: EUBOILER01, EUBOILER02

POLLUTION CONTROL EQUIPMENT

Dry Scrubber #1, Dry Scrubber #2, Baghouse #1, and Baghouse #2, Low NOx natural gas-fired burners.

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. PM	0.03 lb/MMBTU heat input ²	Test Protocol*	EUBOILER01 EUBOILER02	SC V.1	R 336.2810 40 CFR 60.42Da(a)
2. PM	11.5 pph ²	Test Protocol*	EUBOILER01 EUBOILER02	SC V.1	R 336.2810
3. Visible emissions	10 percent opacity ^{2,a}	6-minute average	EUBOILER01 EUBOILER02	SC VI.1	R 336.2810 R 336.1301(1)(c)
4. SO ₂	0.5 lb/MMBTU heat input ^{2,b,c}	Based on a 30 day rolling average	EUBOILER01 EUBOILER02	SC VI.7, SC VI.9, SC VI.11	R 336.2810 R 336.1401(1)
5. SO ₂	0.7 lb/MMBTU heat input ²	Based on a 24 hour daily average	EUBOILER01 EUBOILER02	SC VI.7, SC VI.9, SC VI.12	R 336.2810 R 336.1401(1)
6. SO ₂	6.45 tons/day ²	Each Calendar day	FGBOILERS	SC VI.7, SC VI.10, SC VI.12	R 336.2810
7. SO ₂	1681.9 tpy ²	Based on a 12 month rolling time period as determined at the end of each calendar month	FGBOILERS	SC VI.7, SC VI.10, SC VI.12	R 336.2810
8. SO ₂	10 percent of the potential SO ₂ emission rate if the SO ₂ emission rate is greater than or equal to 0.60 lb/MMBtu ^{2,c}	When combusting solid fuel or solid-derived fuel. Based on a 30 day rolling average	EUBOILER01 EUBOILER02	SC VI.7, SC VI.9, SC VI.16	40 CFR 60.43Da(a)(1) 40 CFR 60.43Da(g) R 336.2810
9. SO ₂	30 percent of the potential SO ₂ emission rate if the SO ₂ emission rate is less than 0.60 lb/MMBtu ^{2,c}	When combusting solid fuel or solid-derived fuel. Based on a 30-day rolling average	EUBOILER01 EUBOILER02	SC VI.7, SC VI.9, SC VI.16	40 CFR 60.43Da(a)(2), 40 CFR 60.43Da(g)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
10. SO ₂	Variable percentage of the potential SO ₂ emission rate ^{2,c}	When combusting solid fuel or solid-derived fuel and gaseous fuel simultaneously. Based on a 30-day rolling average	EUBOILER01 EUBOILER02	SC VI.7, SC VI.9, SC VI.16	40 CFR 60.43Da(g)
11. SO ₂	10 percent of the potential SO ₂ emission rate if the SO ₂ emission rate is greater than or equal to 0.20 lb/MMBtu ^{2,c}	When combusting natural gas only. Based on a 30-day rolling average	EUBOILER01 EUBOILER02	SC VI.7, SC VI.9, SC VI.16	40 CFR 60.43Da(b)(1), 40 CFR 60.43Da(g)
12. SO ₂	100 percent of the potential SO ₂ emission rate if the SO ₂ emission rate is less than 0.20 lb/MMBtu ^{2,c}	When combusting natural gas only. Based on a 30-day rolling average	EUBOILER01 EUBOILER02	SC VI.7, SC VI.9, SC VI.16	40 CFR 60.43Da(b)(2) 40 CFR 60.43Da(g)
13. NO _x	0.20 lb/MMBtu heat input ²	Based on a 30 day rolling average when firing natural gas only.	EUBOILER01 EUBOILER02	SC VI.7, SC VI.9, SC VI.11	40 CFR 60.44Da(a)(1)
14. NO _x	Not to exceed the maximum emission rate of 0.60 lb/MMBTU heat input ^{2,e}	Pro-rated for fuel mix; Based on a 30 day rolling average	EUBOILER01 EUBOILER02	SC VI.7, SC VI.9, SC VI.11	40 CFR 60.44Da(a)(1) R 336.2810
15. NO _x	2018 tpy ²	Based on a 12 month rolling time period as determined at the end of each calendar month	FGBOILERS	SC VI.7, SC VI.10, SC VI.13	R 336.2810
16. CO	0.3 lb/MMBTU heat input ²	Based on a 24 hour rolling time period determined each operating hour, excluding periods of start-up and shutdown ^d	EUBOILER01 EUBOILER02	SC VI.8, SC VI.9, SC VI.14	R 336.2810
17. CO	115.2 pph ²	Based on a 24 hour rolling time period determined each operating hour	EUBOILER01 EUBOILER02	SC VI.8, SC VI.10, SC VI.14	R 336.2810
18. CO	1009.2 tpy ²	Based on a 12 month rolling time period as determined at the end of each calendar month	FGBOILERS	SC VI.8, SC VI.10, SC VI.15	R 336.2810
19. Total non-methane hydrocarbons (NMHC)	4.6 pph ²	Test Protocol*	EUBOILER01 EUBOILER02	SC V.2	R 336.1702(a)

* Test Protocol shall specify averaging time

^a In accordance with Rule 213(2) and Rule 213(6), compliance with this streamlined visible emissions limit shall be considered compliance with the visible emissions limit established by R 336.2810 and R 336.1301(1)(c); and also compliance with the visible emissions limit in 40 CFR 60.42Da(b), an additional applicable requirement which has been subsumed within this condition.

- ^b In accordance with Rule 213(2) and Rule 213(6), compliance with this streamlined SO₂ limit shall be considered compliance with the SO₂ emission limit established by R 336.2810 and R 336.1401(1); and also compliance with the SO₂ limit in 40 CFR 60.43Da(a), 40 CFR 60.43Da(b), 40 CFR 60.43Da(g), and 40 CFR 60.43Da(h), additional applicable requirements which have been subsumed within this condition.
- ^c The potential SO₂ emission rate means the theoretical emissions, in pounds per MMBTU heat input, that would result from the combustion of a fuel in an uncleaned state without any emission control system.
- ^d For the purpose of FGBOILERS, start-up and shutdown are defined in the maintenance and malfunction abatement management plan approved by the District Supervisor.
- ^e The applicable NO_x emissions limit when multiple fuels are combusted simultaneously may be less than 0.60 lb/MMBtu. The emission limit is defined by the calculation in 40 CFR 60.44Da(a)(2) which is included in Appendix 7 of this ROP.

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Bituminous coal	3 percent, by weight, maximum sulfur content ²	Based on a heat input value of 12,200 Btu per pound of coal	FGBOILERS	SC VI.23	R 336.2810
2. Wood and wood waste (not including C/D material)	820,000 pounds/day charge rate ¹	Steam generating unit operating day ^a	FGBOILERS	SC VI.17	R 336.1224 R 336.1225
3. TDF	2 tons/hour charge rate ¹	Based on a daily average	EUBOILER01 EUBOILER02	SC VI.18	R 336.1224 R 336.1225
4. Construction/demolition material (C/D material)	200,000 pounds/day charge rate ¹	Steam generating unit operating day ^a	EUBOILER01 EUBOILER02	SC VI.19	R 336.1224 R 336.1225
5. C/D material	18,282 tpy charge rate ¹	12 month rolling time period as determined at the end of each calendar month	EUBOILER01 EUBOILER02	SC VI.19	R 336.1224 R 336.1225
6. Petroleum coke	130,800 pounds/day charge rate ¹	Steam generating unit operating day ^a	EUBOILER01 EUBOILER02	SC VI.20	R 336.1224 R 336.1225
7. Natural gas	196,080 cubic feet per hour firing rate ¹	Material limit is based on an average natural gas higher heating value of 1,020 Btu/scf.	EUBOILER01 EUBOILER02	SC VI.22	R 336.1224 R 336.1225

^a Steam generating unit operating day means a 24 hour period between 12:00 midnight and the following midnight during which any fuel and/or material is combusted at any time in either of the boilers.

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not operate the boilers unless a maintenance and malfunction abatement management plan for the boilers is implemented and maintained.² (R 336.1910, R 336.1911, R 336.2804)
2. The permittee shall not operate the boilers unless the associated baghouses and SO₂ scrubbers are installed and operating properly in accordance with the approved maintenance management plan for the boilers.² (R 336.1910)
3. The permittee shall install, maintain, and operate the low nitrogen oxide (NO_x) natural gas-fired burners in FGBOILERS in a satisfactory manner.² (R 336.1910)
4. The permittee shall not operate FGBOILERS unless emissions are minimized during all startups and shutdowns.² (40 CFR 63.10011(f)(1), R 336.1911, R 336.1912, R 336.2802)

5. The continuous opacity monitoring system (COMS) is to be operated and data recorded during all periods of operation including periods of start-up, shutdown, malfunction or emergency conditions, except for continuous monitor system breakdowns, repairs, calibration checks, and zero span adjustments.² **(R 336.1301(1)(c), R 336.2810)**
6. The continuous SO₂ emissions, NO_x emissions, and carbon dioxide (CO₂) or oxygen (O₂) concentration monitoring systems are to be operated and data recorded during all periods of operation including periods of start-up, shutdown, malfunction or emergency conditions, except for continuous monitor system breakdowns, repairs, calibration checks, and zero span adjustments.² **(40 CFR 60.49Da(e))**
7. The continuous carbon monoxide (CO) emission monitoring systems are to be operated and data recorded during all periods of operation including periods of start-up, shutdown, malfunction or emergency conditions, except for continuous monitor system breakdowns, repairs, calibration checks, and zero span adjustments.² **(R 336.2810)**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall install, calibrate, maintain and operate in a satisfactory manner, a device to monitor and record the SO₂ and NO_x emissions and O₂ or CO₂ concentrations from EUBOILER01 and EUBOILER02 on a continuous basis (CEMS).² **(R 336.1205, R 336.2803, R 336.2804, 40 CFR 60.49Da(b), (c), and (d))**
2. The permittee shall install, calibrate, maintain and operate in a satisfactory manner, a device to monitor and record the CO emissions and flow from EUBOILER01 and EUBOILER02 on a continuous basis (CEMS).² **(R 336.1205, R 336.2803, R 336.2804)**
3. The permittee shall install, calibrate, maintain and operate in a satisfactory manner, a device to monitor and record the visible emissions from EUBOILER01 and EUBOILER02 on a continuous basis (COMS).² **(R 336.1205, R 336.1301, 40 CFR 60.49Da(a))**
4. The procedures under 40 CFR 60.13 and 40 CFR Part 60, Appendix B, Performance Specification 1 shall be followed for installation, initial evaluation, and operation of the COMS.² **(40 CFR 60.13, R 336.2810, 40 CFR 60.49Da(a))**
5. The procedures under 40 CFR 60.13 and Performance Specification 2 of Appendix B to 40 CFR Part 60 or the procedures in 40 CFR Part 75, Appendices A and B shall be followed for installation, initial evaluation, and operation of the NO_x and SO₂ Continuous Emission Monitoring System (CEMS).² **(40 CFR 60.49Da(w))**
6. The procedures under 40 CFR 60.13 and 40 CFR Part 60, Appendix B, Performance Specification 3, or the procedures in 40 CFR Part 75, Appendices A and B shall be followed for installation, initial evaluation, and operation of the O₂ or CO₂ CEMS.² **(40 CFR 60.49Da(w))**
7. The procedures under 40 CFR 60.13 and 40 CFR Part 60, Appendix B, Performance Specification 6 shall be followed for installation, initial evaluation, and operation of the flow rate CEM. As an alternative to Performance Specification 6, the permittee may use the procedures set forth in 40 CFR Part 75, Appendices A and B.² **(R 336.2810)**
8. The span value for the NO_x CEMS shall be 1,000 ppm or an alternate value as determined in accordance with 40 CFR Part 75, Appendix A, Section 2.1.2.² **(40 CFR 60.49Da(i)(3))**
9. The span value for the SO₂ CEMS at the inlet to the SO₂ control device shall be 125 percent of the maximum estimated hourly potential emissions of the fuel fired and the outlet of the SO₂ control device shall be 50 percent of the maximum estimated hourly potential emissions of the fuel fired. If electing to determine the NO_x span value in accordance with 40 CFR Part 75, then the SO₂ span values shall be determined according to 40 CFR Part 75, Appendix A, Section 2.1.1.² **(40 CFR 60.49Da(i)(5))**

10. The span value for the CO CEMS shall be approximately 200 percent of the expected instrument data display output corresponding to the emission standard for the source. **(R 336.1213(3)(b), R 336.2154)**
11. The span value for the COMS shall be approximately 200 percent of the expected instrument data display output corresponding to the emission standard for the source. **(R 336.1213(3)(b))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The Permittee shall conduct stack testing to determine particulate emission rates from EUBOILER01 and EUBOILER02 at least once every five years. The stack testing plan shall include fuel burning conditions which will represent worst case emissions for the pollutants listed in this condition.² **(R 336.2001, R 336.2003, R 336.2004, R 336.2810, 40 CFR 60.8, 40 CFR 60.50Da)**
2. The Permittee shall conduct stack testing to determine NMHC emission rates from EUBOILER01 and EUBOILER02 at least once every five years. The stack testing plan shall include fuel burning conditions which will represent worst case emissions for the pollutants listed in this condition.² **(R 336.1702, R 336.2001, R 336.2003, R 336.2004, R 336.2810)**
3. The permittee shall perform the Quality Assurance Procedures of the COMS set forth in 40 CFR Part 60, Appendix F, Procedure 3. **(R 336.1213(3), 40 CFR Part 60, Appendix F)**
4. The permittee shall perform the Quality Assurance Procedures of the CEMS set forth in 40 CFR Part 60, Appendix F, Procedure 1. As an alternative, the permittee may perform the Quality Assurance Procedures for CEMS set forth in 40 CFR Part 75, Appendix B. **(R 336.1213(3), 40 CFR 60.49Da(w), 40 CFR Part 60, Appendix F)**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall monitor and record the visible emissions from EUBOILER01 and EUBOILER02 on a continuous basis in a manner and with instrumentation acceptable to the AQD. The permittee shall operate each COMS to meet the timelines, requirements and reporting below, and shall use the COMS data for determining compliance. Monitoring data shall be kept on file and be made available to the AQD upon request.² **(R 336.2810, 40 CFR 60.48Da(q), 40 CFR 60.49Da(a)(1), 40 CFR Part 60, Appendix B (PS1), 40 CFR 64.6(c)(1)(iii))**
2. The permittee shall utilize the COMS-recorded opacity as an indicator of the proper functioning of the baghouses. The appropriate range of opacity defining proper function of the baghouses is 0-7 percent opacity. The permittee shall properly maintain the monitoring system including keeping necessary parts for routine repair of the monitoring equipment. **(40 CFR 64.6(c)(1)(i and ii), 40 CFR 64.7(b))**
3. The permittee shall use the COMS to assure compliance with the PM limit. An excursion for PM shall be two consecutive 1-hour block average opacity values greater than 7 percent. This condition does not affect compliance with R 336.1301. **(40 CFR 64.6(c)(2))**
4. Upon detecting an excursion or exceedance, the permittee shall restore operation of the pollutant specific emission unit, including the control device and associated capture system, to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices or minimizing emissions. The response shall include minimizing the period of any startup, shutdown, or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance. In response to an excursion of more than 7 percent opacity based on two consecutive 1-hour block averages, the permittee shall conduct an investigation and take actions as specified in the AQD approved Maintenance Management Plan. **(40 CFR 64.7(d))**

5. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant specific emission unit is operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for 40 CFR Part 64, compliance including data averages and calculations or fulfilling a minimum data availability requirement if applicable. The permittee shall use all the data collected, during all other periods, in assessing the operation of the control device and associated control equipment. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions. **(40 CFR 64.6(c)(3), 40 CFR 64.7(c))**
6. The permittee shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written quality improvement plan and any activities undertaken to implement a quality improvement plan, and other information such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions. **(40 CFR 64.9(b)(1))**
7. The Permittee shall monitor and record the SO₂ and NO_x emissions from EUBOILER01 and EUBOILER02 on a continuous basis in a manner and with instrumentation acceptable to the AQD. Emission data shall be obtained for at least 18 hours in at least 22 out of 30 successive boiler operating days. The SO₂ emissions are to be monitored at both the inlet and the outlet of the SO₂ control device.² **(R 336.2810, 40 CFR 60.49Da(b), (c), and (f))**
8. The Permittee shall monitor and record the CO emissions from EUBOILER01 and EUBOILER02 on a continuous basis in a manner and with instrumentation acceptable to the AQD.² **(R 336.2810)**
9. The Permittee shall monitor and record the CO₂ or O₂ concentrations in the flue gas from each of the EUBOILER01 and EUBOILER02 on a continuous basis in a manner and with instrumentation acceptable to the AQD. Emission data shall be obtained for at least 18 hours in at least 22 out of 30 successive boiler operating days.² **(40 CFR 60.49Da(d) and (f))**
10. The Permittee shall monitor and record the exhaust gas flow rate from EUBOILER01 and EUBOILER02 on a continuous basis in a manner and with instrumentation acceptable to the AQD. The permittee shall calibrate, maintain, and operate each flow rate CEMS in accordance with the procedures set forth in 40 CFR Part 75, Appendices A and B. Monitoring data shall be kept on file and made available to the AQD upon request.² **(R 336.2810)**
11. The Permittee shall use CEMS data to calculate and record the SO₂ and NO_x emission rates from EUBOILER01 and EUBOILER02 in pounds per MMBTU heat input based on a 30 day rolling average. The SO₂ and NO_x emissions shall be determined by calculating the arithmetic average of all hourly emission rates for SO₂ and NO_x for the 30 successive boiler operating days.² **(R 336.2810, 40 CFR 60.48Da(d))**
12. The Permittee shall use hourly SO₂, O₂ or CO₂ concentrations, and exhaust flow rate CEMS data to calculate and record the SO₂ emission rate from EUBOILER01 and EUBOILER02 in pounds per MMBTU heat input based on a 24 hour daily average, tons per calendar day, and tons per 12 month rolling time period.² **(R 336.2810)**
13. The permittee shall use hourly NO_x, O₂ or CO₂ concentrations, and exhaust flow rate CEMS data to calculate and record the NO_x mass emission rate from EUBOILER01 and EUBOILER02 on an hourly basis and tons per 12-month rolling time period basis.² **(R 336.2810)**
14. The Permittee shall use hourly CO, O₂ or CO₂ concentrations, and exhaust flow rate CEMS data to calculate and record the CO emission rates from EUBOILER01 and EUBOILER02 in pounds per MMBTU heat input based on a 24 hour rolling time period (except for data obtained during periods of startup and shutdown) and pounds per hour based on a 24 hour rolling time period determined each operating hour. **(R 336.2810)**

15. The Permittee shall use hourly CO and exhaust flow rate CEMS data to calculate and record the CO mass emission rates from EUBOILER01 and EUBOILER02 on an hourly basis and tons per 12 month rolling time period basis.² **(R 336.2810)**
16. The Permittee shall use CEMS data to calculate and record the SO₂ percentage reduction from EUBOILER01 and EUBOILER02 based on the average inlet and outlet SO₂ emission rates for each 30 successive boiler operating days. **(R 336.2810, 40 CFR 60.48Da(e))**
17. The permittee shall monitor and record the actual charge rate of wood fuel in pounds per steam generating unit operating day for both boilers combined. The permittee shall keep a record of the wood fuel charge rates on file and shall be made available to the AQD upon request.¹ **(R 336.1224, R 336.1225)**
18. The permittee shall monitor and record the TDF charge rate in tons per hour as a daily average for each boiler. Records shall be kept on file and made available to the AQD upon request.¹ **(R 336.1224, R 336.1225)**
19. The permittee shall monitor and record for each boiler, the actual charge rate of C/D material in pounds per steam generating unit operating day per boiler and tons per year based on a 12-month rolling time period as determined at the end of each calendar month. The Permittee shall keep a record of the C/D material charge rates on file and such record shall be made available to AQD, upon request.¹ **(R 336.1224, R 336.1225)**
20. If the permittee elects to accept deliveries of any petroleum coke at the facility, the permittee shall monitor, calculate, and record for each boiler the actual charge rate of petroleum coke in pounds per steam generating unit operating day using the applicable equation listed in Appendix 7. The permittee shall keep a record of the data and calculations used to determine the petroleum coke charge rates on file and such record shall be made available to the AQD upon request.¹ **(R 336.1224, R 336.1225)**
21. The Permittee shall monitor and record the coal usage rate in each boiler EUBOILER01 and EUBOILER02 on a daily basis. All such records shall be kept on file and made available to the Air Quality Division upon request.¹ **(R 336.1224, R 336.1225)**
22. The permittee shall monitor and record the natural gas usage rate in each boiler EUBOILER01 and EUBOILER02 in cubic feet per operating day per boiler on a daily basis. All such records shall be kept on file and made available to the Air Quality Division upon request.¹ **(R 336.1224, R 336.1225)**
23. The permittee shall maintain records of the sulfur content of each shipment of coal.² **(R 336.2810)**
24. The permittee shall monitor and record, in a satisfactory manner, the boiler steam pressure in psig on an hourly basis during all operations including start-up and shut-down operations for each boiler in FGBOILERS.² **(R 336.2810)**

See Appendix 7

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i), 40 CFR 63.10031(e))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**

4. Each semiannual report of monitoring and deviations shall include the summary information on the number, duration and cause of excursions and/or exceedances and the corrective actions taken. If there were no excursions and/or exceedances in the reporting period, then this report shall include a statement that there were no excursions and/or exceedances. **(40 CFR 64.9(a)(2)(i))**
5. Each semiannual report of monitoring and deviations shall include summary information on monitor downtime. If there were no periods of monitor downtime in the reporting period, then this report shall include a statement that there were no periods of monitor downtime. **(40 CFR 64.9(a)(2)(ii))**
6. Each semiannual report of monitoring and deviations shall include a description of the actions taken to implement a Quality Improvement Plan (QIP) during the reporting period (if appropriate). If a QIP has been completed the report shall include documentation that the plan has been implemented and if it has reduced the likelihood of excursions or exceedances. **(40 CFR 64.9(a)(2)(iii))**
7. If the permittee identifies a failure to achieve compliance with an emission limitation or standard for which the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the permittee shall promptly notify the AQD and if necessary, submit a proposed modification of the CAM Plan to address the necessary monitoring changes. Such a modification may include but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring or additional parameters. **(40 CFR 64.7(e))**
8. No less than 30 days prior to PM or NMHC testing, a complete stack testing protocol shall be submitted to the AQD District Supervisor and Technical Programs Unit Supervisor for review and approval. The protocol shall describe the test method(s) and the maximum routine operating conditions including fuels that will be burned and targets for key operational parameters associated with air pollution control equipment to be monitored and recorded during testing.² **(R 336.2001(3))**
9. The permittee shall notify the AQD Technical Programs Unit Supervisor and the District Supervisor no less than 7 days prior to the anticipated test dates for PM and NMHC.² **(R 336.2001(4))**
10. Verification of PM or NMHC rates includes the submittal of a complete report of the test results within 60 days after the last date of the test.² **(R 336.2001(5))**
11. For CEMS relative accuracy test audits, the permittee shall submit two complete test protocols to the AQD, one to the Technical Programs Unit Supervisor and one to the District Supervisor, for approval at least 30 days prior to the anticipated test date. The protocol shall describe reference monitors test methods; the make, model and serial number of each CEMS tested; the operation level(s) at which testing will occur as defined in 40 CFR Part 75, Appendix A, Section 6.5.2.1; and the units of measure used for each relative accuracy test audit. **(R 336.1213(3))**
12. Any daily usage rates that exceed the allowed charge rates specified in this permit for wood fuel, TDF, C/D material, petroleum coke, or natural gas shall be reported to the District Supervisor, Air Quality Division, by the 30th day of the succeeding calendar month¹. **(R 336.1224, R 336.1225)**
13. The permittee shall report the results of the quality assurance procedures of the CEMS set forth in 40 CFR Part 60, Appendix F, Procedure 1 of to the AQD District Supervisor within the quarterly EER for the quarter in which the audit is conducted. **(40 CFR 60 Appendix B, Procedure 1, R 336.1213(3))**
14. The permittee shall submit the results of the quality assurance procedures of the COMS set forth in 40 CFR Part 60, Appendix F, Procedure 3 to the AQD District Supervisor within the quarterly EER for the quarter in which the audit is conducted. **(40 CFR 60, Appendix B, Procedure 3, R 336.1213(3))**

15. Quarterly EERs of SO₂, NO_x, and opacity data shall be submitted, in a format acceptable to the AQD District Supervisor, within 30 days following the end of the quarter that the data was collected. The EER shall include the following:² **(40 CFR 60.51Da(b), 40 CFR 60.51Da(i), 40 CFR 60.7, 40 CFR 52.21(j))**
- Calendar date.
 - Average SO₂ and NO_x emission rates for each 30 successive boiler operating days, ending with the last 30-day period in the quarter.
 - Percent reduction of the potential combustion concentration of SO₂ for each 30 successive boiler operating days, ending with the last 30-day period of the quarter.
 - Each exceedance above the limits specified in the conditions of this permit which includes the date, time, and magnitude.
 - Specific identification of each period of excess emissions that occur during startup, shutdown, and malfunction of FGBOILERS.
 - Reasons for non-compliance with the emission limits.
 - Periods of monitoring system downtime.
 - Corrective actions taken.
 - Total operating time of FGBOILERS.
 - Identification of the boiler operating days for which pollutant or diluent data have not been obtained by an approved method for at least 75 percent of the hours of operation.
 - Identification of "F" factor used for calculations, method of determination, and type of fuel combusted;
 - Identification of the times when the pollutant concentration exceeded full span of the CEMS.
 - Description of any modifications to CEMS which could affect the ability of the CEMS to comply with Performance Specifications 2 or 3.
 - If no exceedance or monitor downtime occurred during the reporting period, the permittee shall report such.
16. Quarterly EERs and summary reports, consistent with the requirements in 40 CFR 60.7(c) and (d), shall be submitted in a format acceptable to the AQD District Supervisor within 30 days following the end of the quarter the data was collected for all CO CEMS equipment. The EER shall include each occurrence of all excursions and the magnitude of the excess emissions of the specified permit limit; the cause of the excess emissions periods of monitoring downtime; and any corrective action taken and the total operating time for the source. If no exceedances or monitoring downtime occurred during the reporting period, the permittee shall report such. **(R 336.1213(3))**
17. For any periods for which opacity, SO₂, or NO_x emission data are not available; the permittee shall submit a signed statement to the AQD District Supervisor, on a calendar quarter basis, indicating if any changes were made in operation of the emission control system during the period of data unavailability. Operations of FGBOILERS during period of data unavailability are to be compared with operation of FGBOILERS before and following the period of data unavailability. **(40 CFR 60.51Da(f))**
18. The permittee shall submit a signed statement to the AQD District Supervisor, on a calendar quarter basis, indicating whether: **(40 CFR 60.51Da(h))**
- The required CEMS calibration, span, and drift checks or other periodic audits have or have not been performed as specified.
 - The data used to show compliance was or was not obtained in accordance with approved methods and procedures of this part and is representative of FGBOILER performance.
 - The minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable.
 - Compliance with the standards has or has not been achieved during the reporting period.

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVBOILER01	76 ²	250 ²	R 336.1225, R 336.2803, R 336.2804
2. SVBOILER01	76 ²	250 ²	R 336.1225, R 336.2803, R 336.2804

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with all applicable requirements of 40 CFR Part 64. **(40 CFR Part 64)**
2. Permittee shall not burn any C/D materials in the boilers except that which meets the requirements specified in the C/D Waste Wood Monitoring Plan that has been submitted to and approved by the Air Quality Division district supervisor. For purposes of this permit, C/D waste wood and C/D materials are the same.¹ **(R 336.1225)**
3. The permittee shall provide written notification of construction and operation to comply with the federal Standards of Performance for New Stationary Sources, 40 CFR 60.7. The permittee shall submit this notification to the AQD District Supervisor within the time frames specified in 40 CFR 60.7. **(40 CFR 60.7)**
4. The permittee shall comply with all applicable requirements of 40 CFR Part 63, Subpart UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units. **(40 CFR Part 63, Subpart UUUUU)**
5. The permittee shall comply with all provisions of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60, Subparts A and Da, as they apply to each boiler of FG-BOILERS. **(40 CFR Part 60 Subparts A & Da)**
6. The permittee shall comply with the provisions of the Transport Rule NOX Annual Trading Program, as specified in 40 CFR Part 97, Subpart AAAAA, and identified in Appendix 9. **(40 CFR Part 97, Subpart AAAAA)**
7. The permittee shall comply with the provisions of the Transport Rule NOX Ozone Trading Program, as specified in 40 CFR Part 97, Subpart BBBB, and identified in Appendix 9. **(40 CFR Part 97, Subpart BBBB)**
8. The permittee shall comply with the provisions of the Transport Rule SO2 Group 1 Trading Program, as specified in 40 CFR Part 97, Subpart CCCCC, and identified in Appendix 9. **(40 CFR Part 97, Subpart CCCCC)**

Footnotes:

¹This condition is state-only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

**FGFUELSTORAGE
FLEXIBLE GROUP CONDITIONS**

DESCRIPTION

Coal and coal/petroleum coke piles, wood piles, construction demolition material piles, as applicable, and all fuel handling equipment including augers, conveyors, and hopper up to Boiler #1 and #2.

Emission Units: EUCOALPETCKSTORAGE, EUCDMTSTORAGE, EUWOODSTORAGE

POLLUTION CONTROL EQUIPMENT

Wood handling baghouse

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Visible Emissions	5 percent opacity ^{2,a}	6-minute average	EUCOALPETCKSTORAGE	SC V.1 SC V.2	40 CFR 52.21(j) R 336.1301(1)(c)
2. PM	0.10 lbs/1,000 lbs exhaust gas	NA	EUWOODSTORAGE	SC V.1	R 336.1331(1)(a)

^a In accordance with Rule 213(2) and Rule 213(6), compliance with this streamlined visible emissions limit shall be considered compliance with the visible emissions limit established by **40 CFR 52.21(j)** and **R 336.1301(1)(c)**; and also compliance with the visible emissions limit in **40 CFR 60.254(a)**, an additional applicable requirement which has been subsumed within this condition.

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall perform and record the results of a 6-minute non-certified visible emission check on EUCOALPETCKSTORAGE, EUCDMTSTORAGE, and EUWOODSTORAGE at least once per operating day. The visible emission check shall simply verify the presence of visible emissions and need not follow the procedures specified in USEPA Test Method 9. Each visible emission check shall be taken during routine operating conditions. If visible emissions are observed, the permittee shall immediately implement the following procedures: **(R 336.1213(3))**
 - a. If visible emissions are observed during the 6-minute non-certified visible emissions observation, discharge through the associated baghouse or material handling operation shall be halted as quickly as

possible and the permittee shall immediately initiate and document corrective actions. Upon recommencing discharge through the baghouse or startup material handling operation, another set of visible emission observations shall be conducted in accordance with SC V.1, or

- b. If visible emissions have been observed during the 6-minute non-certified visible emission check, the permittee shall perform and record the results of a 15-minute USEPA Test Method 9 visible emission observation, and
 - c. If the results of the USEPA Test Method 9 visible emission observation indicate a violation of the opacity standard, the permittee shall immediately initiate corrective actions and document the corrective actions taken.
2. The permittee shall determine compliance with the applicable 40 CFR Part 60, Subpart Y opacity standards for EUACOALPETCKSTORAGE, using the procedures in 40 CFR 60.257(a), upon request of the AQD District Supervisor. **(40 CFR 60.8, 40 CFR 60.255(a))**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

NA

VII. REPORTING

- 1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
- 2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
- 3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
NA	NA	NA	NA

IX. OTHER REQUIREMENT(S)

- 1. Any C/D materials that do not meet the requirements in the “C/D Waste Wood Monitoring Plan” which has been submitted to and approved by the AQD, shall be returned to the supplier or disposed of in accordance with federal and state of Michigan laws for solid waste disposal.¹ **(R 336.1225, R 336.1901)**
- 2. The permittee shall comply with the applicable requirements of 40 CFR Part 60, Subpart Y – Standards of Performance for Standards of Performance for Coal Preparation and Processing Plants. **(40 CFR Part 60, Subpart Y)**

Footnotes:

¹This condition is state-only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

E. NON-APPLICABLE REQUIREMENTS

At the time of the ROP issuance, the AQD has determined that no non-applicable requirements have been identified for incorporation into the permit shield provision set forth in the General Conditions in Part A pursuant to Rule 213(6)(a)(ii).

APPENDICES

Appendix 1. Abbreviations and Acronyms

The following is an alphabetical listing of abbreviations/acronyms that may be used in this permit.

AQD	Air Quality Division	MM	Million
acfm	Actual cubic feet per minute	MSDS	Material Safety Data Sheet
BACT	Best Available Control Technology	MW	Megawatts
BTU	British Thermal Unit	NA	Not Applicable
°C	Degrees Celsius	NAAQS	National Ambient Air Quality Standards
CAA	Federal Clean Air Act	NESHAP	National Emission Standard for Hazardous Air Pollutants
CAM	Compliance Assurance Monitoring	NMOC	Non-methane Organic Compounds
CEM	Continuous Emission Monitoring	NOx	Oxides of Nitrogen
CFR	Code of Federal Regulations	NSPS	New Source Performance Standards
CO	Carbon Monoxide	NSR	New Source Review
COM	Continuous Opacity Monitoring	PM	Particulate Matter
department	Michigan Department of Environmental Quality	PM-10	Particulate Matter less than 10 microns in diameter
dscf	Dry standard cubic foot	pph	Pound per hour
dscm	Dry standard cubic meter	ppm	Parts per million
EPA	United States Environmental Protection Agency	ppmv	Parts per million by volume
EU	Emission Unit	ppmw	Parts per million by weight
°F	Degrees Fahrenheit	PS	Performance Specification
FG	Flexible Group	PSD	Prevention of Significant Deterioration
GACS	Gallon of Applied Coating Solids	psia	Pounds per square inch absolute
GC	General Condition	psig	Pounds per square inch gauge
gr	Grains	PeTE	Permanent Total Enclosure
HAP	Hazardous Air Pollutant	PTI	Permit to Install
Hg	Mercury	RACT	Reasonable Available Control Technology
hr	Hour	ROP	Renewable Operating Permit
HP	Horsepower	SC	Special Condition
H ₂ S	Hydrogen Sulfide	scf	Standard cubic feet
HVLP	High Volume Low Pressure *	sec	Seconds
ID	Identification (Number)	SCR	Selective Catalytic Reduction
IRSL	Initial Risk Screening Level	SO ₂	Sulfur Dioxide
ITSL	Initial Threshold Screening Level	SRN	State Registration Number
LAER	Lowest Achievable Emission Rate	TAC	Toxic Air Contaminant
lb	Pound	Temp	Temperature
m	Meter	THC	Total Hydrocarbons
MACT	Maximum Achievable Control Technology	tpy	Tons per year
MAERS	Michigan Air Emissions Reporting System	µg	Microgram
MAP	Malfuction Abatement Plan	VE	Visible Emissions
MDEQ	Michigan Department of Environmental Quality	VOC	Volatile Organic Compounds
mg	Milligram	yr	Year
mm	Millimeter		

*For HVLP applicators, the pressure measured at the gun air cap shall not exceed 10 pounds per square inch gauge (psig).

Appendix 2. Schedule of Compliance

The permittee certified in the ROP application that this stationary source is in compliance with all applicable requirements and the permittee shall continue to comply with all terms and conditions of this ROP. A Schedule of Compliance is not required. **(R 336.1213(4)(a), R 336.1119(a)(ii))**

Appendix 3. Monitoring Requirements

The following monitoring procedures, methods, or specifications are the details to the monitoring requirements identified and referenced in Source-wide Conditions. This Appendix is federally enforceable and was established pursuant to Rule 201(1)(a) and Rule 214a. This Appendix was originally established in the TES Filer City Station Agreed Administrative Consent Order and Information Request Effective November 23, 2015 and also pursuant to Act 451 Section 324.5503(b), and will remain in effect after termination of the administrative consent order. **(Act 451 324.5503(b))**

Ambient Air Monitoring Requirements

If TES Filer City Station (TES) elects to accept deliveries of petroleum coke (petcoke) at its facility located at 700 Mee Street, Filer City, Michigan (the facility) after March 31, 2016, it shall notify EPA in writing to the address listed in paragraph 19, below, and shall comply with the following:

PM₁₀ Monitors and Siting

1. No later than 30 days prior to acceptance of any petcoke at the facility, TES shall submit proposed monitoring site locations at the facility for EPA review and approval prior to establishing the monitoring sites. TES shall also submit to EPA a map showing the property lines of the facility, the locations of nearby residences and industrial properties, and proposed locations of the monitoring sites;
2. Within 30 days of EPA approval of the monitoring site locations specified in paragraph 1, above, TES shall install, operate, and maintain at least one ambient monitoring site at the facility that shall contain at least one continuous Federal Equivalent Method (FEM) real-time particulate matter (PM₁₀) monitor and at least one Federal Reference Method (FRM) PM₁₀ filter-based monitor operating every third day;
3. The monitoring sites and monitoring equipment shall conform with the following requirements:
 - a. The PM₁₀ real-time and filter-based instruments shall meet the specifications of FRM/FEM monitors on this list: www.epa.gov/ttn/amtic/files/ambient/criteria/reference-equivalent-methods-list.pdf;
 - b. TES shall follow all monitoring, siting, and quality assurance criteria in 40 CFR Part 58, Appendix E;
 - c. PM₁₀ concentrations from filter-based sampling shall be determined according to 40 CFR Part 50, Appendix J – “Reference Method for the Determination of Particulate Matter as PM₁₀ in the Atmosphere;”
 - d. All data collected shall be consistent with units in the National Ambient Air Quality Standards for PM₁₀; and
 - e. A data logger shall be attached to the monitors to record readings from the continuous monitors.
4. TES shall also follow the operating procedures identified in the “Quality Assurance Handbook for Air Pollution Measurement Systems” (located at <http://www.epa.gov/ttn/amtic/qabook.html>), 40 CFR Part 58, Appendix A, and any specified procedures in the manufacturer’s maintenance manual for the units used to monitor PM₁₀;
5. TES shall be responsible for all operation and maintenance associated with the PM₁₀ monitors. Maintenance shall include, at a minimum, the replacement of any equipment and cleaning on a schedule specified in the manufacturer’s maintenance manual;
6. TES shall order and pay for any necessary replacement parts, accessories, maintenance, etc;
7. TES shall properly change the PM₁₀ filters in all sampling devices;

8. TES shall archive all filters from the PM₁₀ filter-based instruments for at least 2 years;
9. TES may apply to EPA to terminate the requirements of this Request, however, at least one year of information must be collected under this Request before such an application is made;

Wind Speed and Direction Monitoring

10. TES shall install a meteorological tower at a location representative of local wind conditions. At a minimum, the meteorological tower must continuously measure and record wind speed and wind direction at one-hour intervals throughout the entire ambient monitoring period. TES shall correlate 1-hr and 24-hr ambient PM₁₀ measurements with wind speed and wind direction data to determine source direction and the effects of wind speed on PM₁₀ concentrations. The meteorological tower must also include calibrated ambient temperature and pressure instrumentation for purposes of determining corrected (actual) PM₁₀ concentrations as recorded by the monitors. TES shall maintain and/or submit reports and records in accordance with the paragraphs 11-19, below;
11. With respect to the meteorological monitoring site, TES shall follow the Quality Assurance Handbook for Air Pollution Measurement Systems Volume IV: Meteorological Measurements Version 2.0 (Final) found at: http://www.epa.gov/ttnamti1/files/ambient/met/Volume%20IV_Meteorological_Measurements.pdf;
12. The internal clocks of all PM₁₀ analyzers, data loggers, and the wind speed and wind direction data logger shall be synchronized to within 60 seconds of each other (local time and not adjusted for Daylight Savings Time) and shall be checked against a calibrated reference clock at least once every 30 days. Instrument clocks that are more or less than 60 seconds from the reference clock shall be reset to within 60 seconds of the reference clock. Each of these inconsistencies and each reset time shall be noted in the study log;
13. Continuous PM₁₀ data collected during wind speeds of less than 0.5 meters per second shall be segregated from other wind data for purposes of wind speed and wind direction correlations;
14. TES shall be responsible for maintenance associated with the meteorological tower on a schedule specified in the manufacturer's maintenance manual. TES shall order and pay for any necessary replacement parts, accessories, maintenance, etc.

General Requirements Applicable to All Requests

15. Within 30 days of EPA approval of the monitoring sites, TES shall submit a Quality Assurance Project Plan (QAPP) to EPA. The guidance document for writing a QAPP is "EPA Guidance for Quality Assurance Project Plans," EPA QA/G-5, EPA/600/R-02/009 - December 2002. The guidance is available at <http://www.epa.gov/QUALITY/qs-docs/g5-final.pdf>. Any measures identified by this information request should be incorporated into the QAPP;
16. TES shall provide EPA and/or the Michigan Department of Environmental Quality access to the monitoring sites and respond to any inquiries regarding monitor siting, operations, or maintenance. In the event that an inspector or auditor identifies problems, TES shall take appropriate corrective actions. Any changes made to monitor siting, operations, or maintenance shall be approved by EPA prior to the change;
17. TES shall keep a daily log and monthly reports of the following information:
 - a. Each site visit and operator activities;
 - b. Any monitoring system downtime (date, time, duration, and reason) along with any corrective actions taken;
 - c. Any possible interferences observed by the operator such as nearby construction or demolition; and
 - d. Any calibration data provided by the manufacturer or performed by TES.

18. Hourly data from each monitor and meteorological monitoring site, and 24-hour data from gravimetric monitors shall be downloaded as ASCII comma-delimited files and provided to EPA on CD and by email every month. The files should have a single "header" row, with all following rows being individual records, and all columns being a single variable according to the header row. All filter analysis data, including any specification data shall also be provided;
19. Monthly reports specified in paragraph 18, above, shall be submitted to EPA for a period of one year. Each report is due within 14 days of the end of the month being reported. At the end of the one year time frame, TES may seek termination or modification of this request. TES shall submit all documents due under this request and the monthly reports to **cullen.raymond@epa.gov**, **cantello.nicole@epa.gov**, **r5airenforcement@epa.gov**, and:

Attn: Compliance Tracker, AE-17J
 Air Enforcement and Compliance Assurance Branch
 U.S. Environmental Protection Agency
 Region 5
 77 West Jackson Boulevard
 Chicago, Illinois 60604

Appendix 4. Recordkeeping

Specific recordkeeping requirement formats and procedures are detailed in Part A or the appropriate Source-Wide, Emission Unit and/or Flexible Group Special Conditions. Therefore, this appendix is not applicable.

Appendix 5. Testing Procedures

There are no specific testing requirement plans or procedures for this ROP. Therefore, this appendix is not applicable.

Appendix 6. Permits to Install

The following table lists any PTIs issued or ROP revision applications received since the effective date of the previously issued ROP No. MI-ROP-N1685-2008. Those ROP revision applications that are being issued concurrently with this ROP renewal are identified by an asterisk (*). Those revision applications not listed with an asterisk were processed prior to this renewal.

Source-Wide PTI No MI-PTI-N1685-2008b is being reissued as Source-Wide PTI No. MI-PTI-N1685-2015.

Permit to Install Number	ROP Revision Application Number	Description of Equipment or Change	Corresponding Emission Unit(s) or Flexible Group(s)
NA	200900023	The AQD reopened ROP No: MI-ROP-N1685-2008 to include the Clean Air Interstate Rule (CAIR) Annual Sulfur Dioxide Permit, CAIR Annual Nitrogen Oxide Budget Permit, and CAIR Ozone Nitrogen Oxide Budget Permit pursuant to 40 CFR 97.120, 40 CFR 97.220, 40 CFR 97.320, and R 336.1420(3) and R 336.1821(2).	FGBOILERS
264-09	201000110	The permittee requested to change the averaging time for CO emission from EUBOILER01 and EUBOILER02 from an 8-hour rolling average to a 24-hour rolling average. The PTI also introduced minor changes to the recordkeeping and reporting requirements. There are no physical or operational changes as a result of this permit.	FGBOILERS

The following ROP amendments or modifications were issued after the effective date of ROP No. MI-ROP-N1685-2015.

Permit to Install Number	ROP Revision Application Number/ Issuance Date	Description of Change	Corresponding Emission Unit(s) or Flexible Group(s)
NA	201500168/ June 16, 2016	Reopening to update from CAIR to CSAPR.	FGBOILERS
110-14B	201700013/ June 19, 2017	<p>To incorporate PTI 110-14B, which was a revision of PTI 110-14A to include an EPA Agreed Administrative Consent Order in the PTI, and revise requirements under NSPS Da regarding the prorated percent reduction for SO₂ emissions when both solid and natural gas fuels are fired within the same 30-day period. PTI 110-14A was initially issued to install two 100 MMBtu/hr natural gas burners in each of two 384 MMBtu/hr spreader stoker boilers to displace equivalent heat input for coal or at the other end of the range, to use natural gas solely for the Mercury Air Toxics Standards (MATS) clean fuel start-up requirement, depending on the comparative cost of fuels. The solid fuel standard in the existing permit was not changed at that time.</p> <p>During the PTI 110-14B review, EPA acknowledged that the NSPS Da calculation method for the percent reduction for SO₂ when firing mixed fuels needs revision. Until a revision is promulgated and finalized, enforcement discretion regarding this standard is suggested because compliance with the standard as written is not achievable.</p> <p>Additionally, TES requested changes to other Conditions in the ROP to update language that did not completely conform to the underlying applicable requirements and/or better align the Conditions to realistic onsite operations/practices.</p>	Source-Wide EUBOILER1 EUBOILER2 EULIMESTORAGE EUASHUNLOAD FGBOILERS FGFUELSTORAGE

Appendix 7. Emission Calculations

The permittee shall use the following calculations in conjunction with monitoring, testing or recordkeeping data to determine compliance with the applicable requirements referenced in FGBOILERS.

NO_x Compliance

40 CFR 60.44Da(a)(2): When two or more fuels are combusted simultaneously in an affected facility, the applicable emissions limit (E_n) is determined by proration using the following formula:

$$E_n = \frac{86w + 130x + 210y + 260z + 340v}{100}$$

Where:

E_n = Applicable NO_x emissions limit when multiple fuels are combusted simultaneously (ng/J heat input);

w = Percentage of total heat input derived from the combustion of fuels subject to the 86 ng/J heat input standard;

x = Percentage of total heat input derived from the combustion of fuels subject to the 130 ng/J heat input standard;

y = Percentage of total heat input derived from the combustion of fuels subject to the 210 ng/J heat input standard;

z = Percentage of total heat input derived from the combustion of fuels subject to the 260 ng/J heat input standard; and

v = Percentage of total heat input delivered from the combustion of fuels subject to the 340 ng/J heat input standard.

Petroleum Coke Compliance

If TES Filer City Station elects to accept deliveries of any petroleum coke at the facility after November 23, 2015, the following formula shall be used to calculate the actual charge rate in pounds per day for the petroleum coke fuel. Coal and petroleum coke are delivered to the facility as a mixture of the two fuels. The fuel supplier provides documentation of the percentage of each fuel on a mass basis contained in the mixture.

$$PC = B_F \times PC_B$$

Where:

PC = Petroleum coke charge rate per boiler, in pounds per day;

B_F = Charge rate of blended fuel, in pounds per day;

PC_B = Percentage of petroleum coke contained in the blended fuel.

Appendix 8. Reporting

A. Annual, Semiannual, and Deviation Certification Reporting

The permittee shall use the MDEQ, AQD, Report Certification form (EQP 5736) and MDEQ, AQD, Deviation Report form (EQP 5737) for the annual, semiannual and deviation certification reporting referenced in the Reporting Section of the Source-Wide, Emission Unit and/or Flexible Group Special Conditions. Alternative formats must meet the provisions of Rule 213(4)(c) and Rule 213(3)(c)(i), respectively, and be approved by the AQD District Supervisor.

B. Other Reporting

Specific reporting requirement formats and procedures are detailed in Part A or the appropriate Source-Wide, Emission Unit and/or Flexible Group Special Conditions. Therefore, Part B of this appendix is not applicable.

Appendix 9. Transport Rule (TR) Trading Program Title V Requirements

Description of TR Monitoring Provisions

The TR subject units, and the unit-specific monitoring provisions, at this source are identified in the following tables. These units are subject to the requirements for the TR NO_x Annual Trading Program, TR NO_x Ozone Season Trading Program, and TR SO₂ Group 1 Trading Program, which are included below as Sections I, II, and III, respectively.

Each unit will use one of the following as the monitoring methodology for each parameter as provided below and shall comply with the general monitoring, recordkeeping, reporting and other requirements in conditions 1 through 5 below and in paragraph (b) of Sections I, II, and III:

- Continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR Part 75, Subpart B (for SO₂ monitoring) and 40 CFR Part 75, Subpart H (for NO_x monitoring)
- Excepted monitoring system requirements for gas- and oil-fired units pursuant to 40 CFR Part 75, Appendix D
- Excepted monitoring system requirements for gas- and oil-fired peaking units pursuant to 40 CFR Part 75, Appendix E
- Low Mass Emissions excepted monitoring (LME) requirements for gas- and oil-fired units pursuant to 40 CFR 75.19
- EPA-approved alternative monitoring system requirements pursuant to 40 CFR Part 75, Subpart E

Unit ID: Unit 1	
Parameter	Monitoring Methodology
SO ₂	Continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR Part 75, Subpart B
NO _x	Continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR Part 75, Subpart H
Heat Input	Continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR Part 75, Subpart B (for SO ₂ monitoring) and 40 CFR Part 75, Subpart H (for NO _x monitoring)

Unit ID: Unit 2	
Parameter	Monitoring Methodology
SO ₂	Continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR Part 75, Subpart B
NO _x	Continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR Part 75, Subpart H
Heat Input	Continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR Part 75, Subpart B (for SO ₂ monitoring) and 40 CFR Part 75, Subpart H (for NO _x monitoring)

1. The above description of the monitoring used by a unit does not change, create an exemption from, or otherwise affect the monitoring, recordkeeping, and reporting requirements applicable to the unit under 40 CFR 97.430 through 97.435 (TR NO_x Annual Trading Program), 40 CFR 97.530 through 97.535 (TR NO_x Ozone Season Trading Program), and 40 CFR 97.630 through 97.635 (TR SO₂ Group 1 Trading Program). The monitoring, recordkeeping and reporting requirements applicable to each unit are included below in the standard conditions for the applicable TR trading programs.
2. Owners and operators must submit to the Administrator a monitoring plan for each unit in accordance with 40 CFR 75.53, 40 CFR 75.62 and 40 CFR 75.73, as applicable. The monitoring plan for each unit is available at the EPA's website at <http://www.epa.gov/airmarkets/emissions/monitoringplans.html>.
3. Owners and operators that want to use an alternative monitoring system must submit to the Administrator a petition requesting approval of the alternative monitoring system in accordance with 40 CFR Part 75, Subpart E and 40 CFR 75.66 and 97.435 (TR NO_x Annual Trading Program), 40 CFR 97.535 (TR NO_x Ozone Season Trading Program), and/or 40 CFR 97.635 (TR SO₂ Group 1 Trading Program). The Administrator's response approving or disapproving any petition for an alternative monitoring system is available on the EPA's website at <http://www.epa.gov/airmarkets/emissions/petitions.html>.
4. Owners and operators that want to use an alternative to any monitoring, recordkeeping, or reporting requirement under 40 CFR 97.430 through 97.434 (TR NO_x Annual Trading Program), 40 CFR 97.530 through 97.534 (TR NO_x Ozone Season Trading Program), and/or 40 CFR 97.630 through 97.634 (TR SO₂ Group 1 Trading Program) must submit to the Administrator a petition requesting approval of the alternative in accordance with 40 CFR 75.66 and 40 CFR 97.435 (TR NO_x Annual Trading Program), 40 CFR 97.535 (TR NO_x Ozone Season Trading Program), and/or 40 CFR 97.635 (TR SO₂ Group 1 Trading Program). The Administrator's response approving or disapproving any petition for an alternative to a monitoring, recordkeeping, or reporting requirement is available on the EPA's website at <http://www.epa.gov/airmarkets/emissions/petitions.html>.
5. The descriptions of monitoring applicable to the unit included above meet the requirement of 40 CFR 97.430 through 97.434 (TR NO_x Annual Trading Program), 40 CFR 97.530 through 97.534 (TR NO_x Ozone Season Trading Program), and 40 CFR 97.630 through 97.634 (TR SO₂ Group 1 Trading Program), and therefore minor permit modification procedures, in accordance with 40 CFR 70.7(e)(2)(i)(B) or 40 CFR 71.7(e)(1)(i)(B), may be used to add or change this unit's monitoring system description.

SECTION I: TR NO_x Annual Trading Program requirements (40 CFR 97.406)**(a) Designated representative requirements.**

The owners and operators shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with 40 CFR 97.413 through 97.418.

(b) Emissions monitoring, reporting, and recordkeeping requirements.

- (1) The owners and operators, and the designated representative, of each TR NO_x Annual source and each TR NO_x Annual unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR 97.430 (general requirements, including installation, certification, and data accounting, compliance deadlines, reporting data, prohibitions, and long-term cold storage), 97.431 (initial monitoring system certification and recertification procedures), 97.432 (monitoring system out-of-control periods), 97.433 (notifications concerning monitoring), 97.434 (recordkeeping and reporting, including monitoring plans, certification applications, quarterly reports, and compliance certification), and 97.435 (petitions for alternatives to monitoring, recordkeeping, or reporting requirements).
- (2) The emissions data determined in accordance with 40 CFR 97.430 through 97.435 shall be used to calculate allocations of TR NO_x Annual allowances under 40 CFR 97.411(a)(2) and (b) and 97.412 and to determine compliance with the TR NO_x Annual emissions limitation and assurance provisions under paragraph (c) below, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with 40 CFR 97.430 through 97.435 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero.

(c) NO_x emissions requirements.

- (1) TR NO_x Annual emissions limitation.
 - (i). As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NO_x Annual source and each TR NO_x Annual unit at the source shall hold, in the source's compliance account, TR NO_x Annual allowances available for deduction for such control period under 40 CFR 97.424(a) in an amount not less than the tons of total NO_x emissions for such control period from all TR NO_x Annual units at the source.
 - (ii). If total NO_x emissions during a control period in a given year from the TR NO_x Annual units at a TR NO_x Annual source are in excess of the TR NO_x Annual emissions limitation set forth in paragraph (c)(1)(i) above, then:
 - (A). The owners and operators of the source and each TR NO_x Annual unit at the source shall hold the TR NO_x Annual allowances required for deduction under 40 CFR 97.424(d); and
 - (B). The owners and operators of the source and each TR NO_x Annual unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR part 97, subpart AAAAA and the Clean Air Act.
- (2) TR NO_x Annual assurance provisions.
 - (i). If total NO_x emissions during a control period in a given year from all TR NO_x Annual units at TR NO_x Annual sources in the state and Indian country within the borders of such State exceed the state assurance level, then the owners and operators of such sources and units in each group of one or more sources and units having a common designated representative for such control period, where the common designated representative's share of such NO_x emissions during such control period exceeds the common designated representative's assurance level for the state and such control period, shall hold (in the assurance account established for the owners and operators of such group) TR NO_x Annual allowances available for deduction for such control period under 40 CFR 97.425(a) in an amount equal to two times the product (rounded to the nearest whole number), as determined by the Administrator in accordance with 40 CFR 97.425(b), of multiplying—
 - (A) The quotient of the amount by which the common designated representative's share of such NO_x emissions exceeds the common designated representative's assurance level divided by the sum of the amounts, determined for all common designated representatives for such sources and units in the state and Indian country within the borders of such state for such control period, by which each common designated representative's share of such NO_x emissions exceeds the

- respective common designated representative's assurance level; and (B) The amount by which total NO_x emissions from all TR NO_x Annual units at TR NO_x Annual sources in the state and Indian country within the borders of such state for such control period exceed the state assurance level.
- (ii). The owners and operators shall hold the TR NO_x Annual allowances required under paragraph (c)(2)(i) above, as of midnight of November 1 (if it is a business day), or midnight of the first business day thereafter (if November 1 is not a business day), immediately after such control period.
 - (iii). Total NO_x emissions from all TR NO_x Annual units at TR NO_x Annual sources in the State and Indian country within the borders of such state during a control period in a given year exceed the state assurance level if such total NO_x emissions exceed the sum, for such control period, of the state NO_x Annual trading budget under 40 CFR 97.410(a) and the state's variability limit under 40 CFR 97.410(b).
 - (iv). It shall not be a violation of 40 CFR Part 97, Subpart AAAAA or of the Clean Air Act if total NO_x emissions from all TR NO_x Annual units at TR NO_x Annual sources in the State and Indian country within the borders of such State during a control period exceed the state assurance level or if a common designated representative's share of total NO_x emissions from the TR NO_x Annual units at TR NO_x Annual sources in the state and Indian country within the borders of such state during a control period exceeds the common designated representative's assurance level.
 - (v). To the extent the owners and operators fail to hold TR NO_x Annual allowances for a control period in a given year in accordance with paragraphs (c)(2)(i) through (iii) above,
 - (A). The owners and operators shall pay any fine, penalty, or assessment or comply with any other remedy imposed under the Clean Air Act; and
 - (B). Each TR NO_x Annual allowance that the owners and operators fail to hold for such control period in accordance with paragraphs (c)(2)(i) through (iii) above and each day of such control period shall constitute a separate violation of 40 CFR Part 97, Subpart AAAAA and the Clean Air Act.
- (3) Compliance periods.
- (i). A TR NO_x Annual unit shall be subject to the requirements under paragraph (c)(1) above for the control period starting on the later of January 1, 2015, or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.430(b) and for each control period thereafter.
 - (ii). A TR NO_x Annual unit shall be subject to the requirements under paragraph (c)(2) above for the control period starting on the later of January 1, 2017 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.430(b) and for each control period thereafter.
- (4) Vintage of allowances held for compliance.
- (i). A TR NO_x Annual allowance held for compliance with the requirements under paragraph (c)(1)(i) above for a control period in a given year must be a TR NO_x Annual allowance that was allocated for such control period or a control period in a prior year.
 - (ii). A TR NO_x Annual allowance held for compliance with the requirements under paragraphs (c)(1)(ii)(A) and (2)(i) through (iii) above for a control period in a given year must be a TR NO_x Annual allowance that was allocated for a control period in a prior year or the control period in the given year or in the immediately following year.
- (5) Allowance Management System requirements. Each TR NO_x Annual allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with 40 CFR Part 97, Subpart AAAAA.
- (6) Limited authorization. A TR NO_x Annual allowance is a limited authorization to emit one ton of NO_x during the control period in one year. Such authorization is limited in its use and duration as follows:
- (i). Such authorization shall only be used in accordance with the TR NO_x Annual Trading Program; and
 - (ii). Notwithstanding any other provision of 40 CFR Part 97, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.
- (7) Property right. A TR NO_x Annual allowance does not constitute a property right.

(d) Title V permit revision requirements.

- (1) No Title V permit revision shall be required for any allocation, holding, deduction, or transfer of TR NO_x Annual allowances in accordance with 40 CFR Part 97, Subpart AAAAA.
- (2) This permit incorporates the TR emissions monitoring, recordkeeping and reporting requirements pursuant to 40 CFR 97.430 through 97.435, and the requirements for a continuous emission monitoring system (pursuant to 40 CFR Part 75, Subparts B and H), an excepted monitoring system (pursuant to 40 CFR Part 75, Appendices D and E), a low mass emissions excepted monitoring methodology (pursuant to 40 CFR 75.19), and an alternative monitoring system (pursuant to 40 CFR Part 75, Subpart E). Therefore, the Description of TR Monitoring Provisions table for units identified in this permit may be added to, or changed, in this Title V permit using minor permit modification procedures in accordance with 40 CFR 97.406(d)(2) and 70.7(e)(2)(i)(B) or 71.7(e)(1)(i)(B).

(e) Additional recordkeeping and reporting requirements.

- (1) Unless otherwise provided, the owners and operators of each TR NO_x Annual source and each TR NO_x Annual unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.
 - (i). The certificate of representation under 40 CFR 97.416 for the designated representative for the source and each TR NO_x Annual unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under 40 CFR 97.416 changing the designated representative.
 - (ii). All emissions monitoring information, in accordance with 40 CFR Part 97, Subpart AAAAA.
 - (iii). Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the TR NO_x Annual Trading Program.
- (2) The designated representative of a TR NO_x Annual source and each TR NO_x Annual unit at the source shall make all submissions required under the TR NO_x Annual Trading Program, except as provided in 40 CFR 97.418. This requirement does not change, create an exemption from, or otherwise affect the responsible official submission requirements under a title V operating permit program in 40 CFR Parts 70 and 71.

(f) Liability.

- (1) Any provision of the TR NO_x Annual Trading Program that applies to a TR NO_x Annual source or the designated representative of a TR NO_x Annual source shall also apply to the owners and operators of such source and of the TR NO_x Annual units at the source.
- (2) Any provision of the TR NO_x Annual Trading Program that applies to a TR NO_x Annual unit or the designated representative of a TR NO_x Annual unit shall also apply to the owners and operators of such unit.

(g) Effect on other authorities.

No provision of the TR NO_x Annual Trading Program or exemption under 40 CFR 97.405 shall be construed as exempting or excluding the owners and operators, and the designated representative, of a TR NO_x Annual source or TR NO_x Annual unit from compliance with any other provision of the applicable, approved state implementation plan, a federally enforceable permit, or the Clean Air Act.

(h) Effect on units in Indian country.

Notwithstanding the provisions of paragraphs (a) through (g) above, paragraphs (a) through (g) shall be deemed not to impose any requirements on any source or unit, or any owner, operator, or designated representative with regard to any source or unit, in Indian country within the borders of the state.

SECTION II: TR NO_x Ozone Season Trading Program Requirements (40 CFR 97.506)**(a) Designated representative requirements.**

The owners and operators shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with 40 CFR 97.513 through 97.518.

(b) Emissions monitoring, reporting, and recordkeeping requirements.

- (1) The owners and operators, and the designated representative, of each TR NO_x Ozone Season source and each TR NO_x Ozone Season unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR 97.530 (general requirements, including installation, certification, and data accounting, compliance deadlines, reporting data, prohibitions, and long-term cold storage), 97.531 (initial monitoring system certification and recertification procedures), 97.532 (monitoring system out-of-control periods), 97.533 (notifications concerning monitoring), 97.534 (recordkeeping and reporting, including monitoring plans, certification applications, quarterly reports, and compliance certification), and 97.535 (petitions for alternatives to monitoring, recordkeeping, or reporting requirements).
- (2) The emissions data determined in accordance with 40 CFR 97.530 through 97.535 shall be used to calculate allocations of TR NO_x Ozone Season allowances under 40 CFR 97.511(a)(2) and (b) and 97.512 and to determine compliance with the TR NO_x Ozone Season emissions limitation and assurance provisions under paragraph (c) below, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with 40 CFR 97.530 through 97.535 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero.

(c) NO_x emissions requirements.

- (1) TR NO_x Ozone Season emissions limitation.
 - (i). As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NO_x Ozone Season source and each TR NO_x Ozone Season unit at the source shall hold, in the source's compliance account, TR NO_x Ozone Season allowances available for deduction for such control period under 40 CFR 97.524(a) in an amount not less than the tons of total NO_x emissions for such control period from all TR NO_x Ozone Season units at the source.
 - (ii). If total NO_x emissions during a control period in a given year from the TR NO_x Ozone Season units at a TR NO_x Ozone Season source are in excess of the TR NO_x Ozone Season emissions limitation set forth in paragraph (c)(1)(i) above, then:
 - (A). The owners and operators of the source and each TR NO_x Ozone Season unit at the source shall hold the TR NO_x Ozone Season allowances required for deduction under 40 CFR 97.524(d); and
 - (B). The owners and operators of the source and each TR NO_x Ozone Season unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 97, Subpart BBBBBB and the Clean Air Act.
- (2) TR NO_x Ozone Season assurance provisions.
 - (i). If total NO_x emissions during a control period in a given year from all TR NO_x Ozone Season units at TR NO_x Ozone Season sources in the state and Indian country within the borders of such state exceed the state assurance level, then the owners and operators of such sources and units in each group of one or more sources and units having a common designated representative for such control period, where the common designated representative's share of such NO_x emissions during such control period exceeds the common designated representative's assurance level for the state and such control period, shall hold (in the assurance account established for the owners and operators of such group) TR NO_x Ozone Season allowances available for deduction for such control period under 40 CFR 97.525(a) in an amount equal to two times the product (rounded to the nearest whole number), as determined by the Administrator in accordance with 40 CFR 97.525(b), of multiplying—
 - (A). The quotient of the amount by which the common designated representative's share of such NO_x emissions exceeds the common designated representative's assurance level divided by the sum of the amounts, determined for all common designated representatives for such sources and units in the state and Indian country within the borders of such state for such control period, by which each common designated representative's share of such NO_x emissions exceeds the respective common designated representative's assurance level; and
 - (B). The amount by which total NO_x emissions from all TR NO_x Ozone Season units at TR NO_x Ozone Season sources in the state and Indian country within the borders of such state for such control period exceed the state assurance level.

- (ii). The owners and operators shall hold the TR NO_x Ozone Season allowances required under paragraph (c)(2)(i) above, as of midnight of November 1 (if it is a business day), or midnight of the first business day thereafter (if November 1 is not a business day), immediately after such control period.
 - (iii). Total NO_x emissions from all TR NO_x Ozone Season units at TR NO_x Ozone Season sources in the state and Indian country within the borders of such state during a control period in a given year exceed the state assurance level if such total NO_x emissions exceed the sum, for such control period, of the State NO_x Ozone Season trading budget under 40 CFR 97.510(a) and the state's variability limit under 40 CFR 97.510(b).
 - (iv). It shall not be a violation of 40 CFR Part 97, Subpart BBBBB or of the Clean Air Act if total NO_x emissions from all TR NO_x Ozone Season units at TR NO_x Ozone Season sources in the state and Indian country within the borders of such state during a control period exceed the state assurance level or if a common designated representative's share of total NO_x emissions from the TR NO_x Ozone Season units at TR NO_x Ozone Season sources in the state and Indian country within the borders of such state during a control period exceeds the common designated representative's assurance level.
 - (v). To the extent the owners and operators fail to hold TR NO_x Ozone Season allowances for a control period in a given year in accordance with paragraphs (c)(2)(i) through (iii) above,
 - (A). The owners and operators shall pay any fine, penalty, or assessment or comply with any other remedy imposed under the Clean Air Act; and
 - (B). Each TR NO_x Ozone Season allowance that the owners and operators fail to hold for such control period in accordance with paragraphs (c)(2)(i) through (iii) above and each day of such control period shall constitute a separate violation of 40 CFR Part 97, Subpart BBBBB and the Clean Air Act.
- (3) Compliance periods.
- (i). A TR NO_x Ozone Season unit shall be subject to the requirements under paragraph (c)(1) above for the control period starting on the later of May 1, 2015 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.530(b) and for each control period thereafter.
 - (ii). A TR NO_x Ozone Season unit shall be subject to the requirements under paragraph (c)(2) above for the control period starting on the later of May 1, 2017 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.530(b) and for each control period thereafter.
- (4) Vintage of allowances held for compliance.
- (i). A TR NO_x Ozone Season allowance held for compliance with the requirements under paragraph (c)(1)(i) above for a control period in a given year must be a TR NO_x Ozone Season allowance that was allocated for such control period or a control period in a prior year.
 - (ii). A TR NO_x Ozone Season allowance held for compliance with the requirements under paragraphs (c)(1)(ii)(A) and (2)(i) through (iii) above for a control period in a given year must be a TR NO_x Ozone Season allowance that was allocated for a control period in a prior year or the control period in the given year or in the immediately following year.
- (5) Allowance Management System requirements. Each TR NO_x Ozone Season allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with 40 CFR Part 97, Subpart BBBBB.
- (6) Limited authorization. A TR NO_x Ozone Season allowance is a limited authorization to emit one ton of NO_x during the control period in one year. Such authorization is limited in its use and duration as follows:
- (i). Such authorization shall only be used in accordance with the TR NO_x Ozone Season Trading Program; and
 - (ii). Notwithstanding any other provision of 40 CFR Part 97, Subpart BBBBB, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.
- (7) Property right. A TR NO_x Ozone Season allowance does not constitute a property right.

(d) Title V permit revision requirements.

- (1) No title V permit revision shall be required for any allocation, holding, deduction, or transfer of TR NO_x Ozone Season allowances in accordance with 40 CFR Part 97, Subpart BBBBB.
- (2) This permit incorporates the TR emissions monitoring, recordkeeping and reporting requirements pursuant to 40 CFR 97.530 through 97.535, and the requirements for a continuous emission monitoring system (pursuant to 40 CFR Part 75, Subparts B and H), an excepted monitoring system (pursuant to 40 CFR Part 75, Appendices D and E), a low mass emissions excepted monitoring methodology (pursuant to 40 CFR 75.19), and an alternative monitoring system (pursuant to 40 CFR Part 75, Subpart E). Therefore, the Description of TR Monitoring Provisions table for units identified in this permit may be added to, or changed, in this Title V permit using minor permit modification procedures in accordance with 40 CFR 97.506(d)(2) and 70.7(e)(2)(i)(B) or 71.7(e)(1)(i)(B).

(e) Additional recordkeeping and reporting requirements.

- (1) Unless otherwise provided, the owners and operators of each TR NO_x Ozone Season source and each TR NO_x Ozone Season unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.
 - (i). The certificate of representation under 40 CFR 97.516 for the designated representative for the source and each TR NO_x Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under 40 CFR 97.516 changing the designated representative.
 - (ii). All emissions monitoring information, in accordance with 40 CFR Part 97, subpart BBBBB.
 - (iii). Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the TR NO_x Ozone Season Trading Program.
- (2) The designated representative of a TR NO_x Ozone Season source and each TR NO_x Ozone Season unit at the source shall make all submissions required under the TR NO_x Ozone Season Trading Program, except as provided in 40 CFR 97.518. This requirement does not change, create an exemption from, or otherwise affect the responsible official submission requirements under a title V operating permit program in 40 CFR Parts 70 and 71.

(f) Liability.

- (1) Any provision of the TR NO_x Ozone Season Trading Program that applies to a TR NO_x Ozone Season source or the designated representative of a TR NO_x Ozone Season source shall also apply to the owners and operators of such source and of the TR NO_x Ozone Season units at the source.
- (2) Any provision of the TR NO_x Ozone Season Trading Program that applies to a TR NO_x Ozone Season unit or the designated representative of a TR NO_x Ozone Season unit shall also apply to the owners and operators of such unit.

(g) Effect on other authorities.

No provision of the TR NO_x Ozone Season Trading Program or exemption under 40 CFR 97.505 shall be construed as exempting or excluding the owners and operators, and the designated representative, of a TR NO_x Ozone Season source or TR NO_x Ozone Season unit from compliance with any other provision of the applicable, approved state implementation plan, a federally enforceable permit, or the Clean Air Act.

(h) Effect on units in Indian country.

Notwithstanding the provisions of paragraphs (a) through (g) above, paragraphs (a) through (g) shall be deemed not to impose any requirements on any source or unit, or any owner, operator, or designated representative with regard to any source or unit, in Indian country within the borders of the state.

SECTION III: TR SO₂ Group 1 Trading Program requirements (40 CFR 97.606)**(a) Designated representative requirements.**

The owners and operators shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with 40 CFR 97.613 through 97.618.

(b) Emissions monitoring, reporting, and recordkeeping requirements.

- (1) The owners and operators, and the designated representative, of each TR SO₂ Group 1 source and each TR SO₂ Group 1 unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR 97.630 (general requirements, including installation, certification, and data accounting, compliance deadlines, reporting data, prohibitions, and long-term cold storage), 97.631 (initial monitoring system certification and recertification procedures), 97.632 (monitoring system out-of-control periods), 97.633 (notifications concerning monitoring), 97.634 (recordkeeping and reporting, including monitoring plans, certification applications, quarterly reports, and compliance certification), and 97.635 (petitions for alternatives to monitoring, recordkeeping, or reporting requirements).
- (2) The emissions data determined in accordance with 40 CFR 97.630 through 97.635 shall be used to calculate allocations of TR SO₂ Group 1 allowances under 40 CFR 97.611(a)(2) and (b) and 97.612 and to determine compliance with the TR SO₂ Group 1 emissions limitation and assurance provisions under paragraph (c) below, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with 40 CFR 97.630 through 97.635 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero.

(c) SO₂ emissions requirements.

- (1) TR SO₂ Group 1 emissions limitation.
 - (i). As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR SO₂ Group 1 source and each TR SO₂ Group 1 unit at the source shall hold, in the source's compliance account, TR SO₂ Group 1 allowances available for deduction for such control period under 40 CFR 97.624(a) in an amount not less than the tons of total SO₂ emissions for such control period from all TR SO₂ Group 1 units at the source.
 - (ii). If total SO₂ emissions during a control period in a given year from the TR SO₂ Group 1 units at a TR SO₂ Group 1 source are in excess of the TR SO₂ Group 1 emissions limitation set forth in paragraph (c)(1)(i) above, then:
 - (A). The owners and operators of the source and each TR SO₂ Group 1 unit at the source shall hold the TR SO₂ Group 1 allowances required for deduction under 40 CFR 97.624(d); and
 - (B). The owners and operators of the source and each TR SO₂ Group 1 unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation 40 CFR part 97, subpart CCCC and the Clean Air Act.
- (2) TR SO₂ Group 1 assurance provisions.
 - (i). If total SO₂ emissions during a control period in a given year from all TR SO₂ Group 1 units at TR SO₂ Group 1 sources in the state and Indian country within the borders of such state exceed the state assurance level, then the owners and operators of such sources and units in each group of one or more sources and units having a common designated representative for such control period, where the common designated representative's share of such SO₂ emissions during such control period exceeds the common designated representative's assurance level for the state and such control period, shall hold (in the assurance account established for the owners and operators of such group) TR SO₂ Group 1 allowances available for deduction for such control period under 40 CFR 97.625(a) in an amount equal to two times the product (rounded to the nearest whole number), as determined by the Administrator in accordance with 40 CFR 97.625(b), of multiplying—
 - (A). The quotient of the amount by which the common designated representative's share of such SO₂ emissions exceeds the common designated representative's assurance level divided by the sum of the amounts, determined for all common designated representatives for such sources and units in the state and Indian country within the borders of such state for such

- control period, by which each common designated representative's share of such SO₂ emissions exceeds the respective common designated representative's assurance level; and
- (B). The amount by which total SO₂ emissions from all TR SO₂ Group 1 units at TR SO₂ Group 1 sources in the state and Indian country within the borders of such state for such control period exceed the state assurance level.
- (ii). The owners and operators shall hold the TR SO₂ Group 1 allowances required under paragraph (c)(2)(i) above, as of midnight of November 1 (if it is a business day), or midnight of the first business day thereafter (if November 1 is not a business day), immediately after such control period.
- (iii). Total SO₂ emissions from all TR SO₂ Group 1 units at TR SO₂ Group 1 sources in the state and Indian country within the borders of such state during a control period in a given year exceed the state assurance level if such total SO₂ emissions exceed the sum, for such control period, of the state SO₂ Group 1 trading budget under 40 CFR 97.610(a) and the state's variability limit under 40 CFR 97.610(b).
- (iv). It shall not be a violation of 40 CFR Part 97, Subpart CCCCC or of the Clean Air Act if total SO₂ emissions from all TR SO₂ Group 1 units at TR SO₂ Group 1 sources in the state and Indian country within the borders of such state during a control period exceed the state assurance level or if a common designated representative's share of total SO₂ emissions from the TR SO₂ Group 1 units at TR SO₂ Group 1 sources in the state and Indian country within the borders of such state during a control period exceeds the common designated representative's assurance level.
- (v). To the extent the owners and operators fail to hold TR SO₂ Group 1 allowances for a control period in a given year in accordance with paragraphs (c)(2)(i) through (iii) above,
- (A). The owners and operators shall pay any fine, penalty, or assessment or comply with any other remedy imposed under the Clean Air Act; and
- (B). Each TR SO₂ Group 1 allowance that the owners and operators fail to hold for such control period in accordance with paragraphs (c)(2)(i) through (iii) above and each day of such control period shall constitute a separate violation of 40 CFR Part 97, Subpart CCCCC and the Clean Air Act.
- (3) Compliance periods.
- (i). A TR SO₂ Group 1 unit shall be subject to the requirements under paragraph (c)(1) above for the control period starting on the later of January 1, 2015 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.630(b) and for each control period thereafter.
- (ii). A TR SO₂ Group 1 unit shall be subject to the requirements under paragraph (c)(2) above for the control period starting on the later of January 1, 2017 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.630(b) and for each control period thereafter.
- (4) Vintage of allowances held for compliance.
- (i). A TR SO₂ Group 1 allowance held for compliance with the requirements under paragraph (c)(1)(i) above for a control period in a given year must be a TR SO₂ Group 1 allowance that was allocated for such control period or a control period in a prior year.
- (ii). A TR SO₂ Group 1 allowance held for compliance with the requirements under paragraphs (c)(1)(ii)(A) and (2)(i) through (iii) above for a control period in a given year must be a TR SO₂ Group 1 allowance that was allocated for a control period in a prior year or the control period in the given year or in the immediately following year.
- (5) Allowance Management System requirements. Each TR SO₂ Group 1 allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with 40 CFR Part 97, Subpart CCCCC.
- (6) Limited authorization. A TR SO₂ Group 1 allowance is a limited authorization to emit one ton of SO₂ during the control period in one year. Such authorization is limited in its use and duration as follows:
- (i). Such authorization shall only be used in accordance with the TR SO₂ Group 1 Trading Program; and
- (ii). Notwithstanding any other provision of 40 CFR Part 97, Subpart CCCCC, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.
- (7) Property right. A TR SO₂ Group 1 allowance does not constitute a property right.

(d) Title V permit revision requirements.

- (1) No title V permit revision shall be required for any allocation, holding, deduction, or transfer of TR SO₂ Group 1 allowances in accordance with 40 CFR Part 97, Subpart CCCCC.
- (2) This permit incorporates the TR emissions monitoring, recordkeeping and reporting requirements pursuant to 40 CFR 97.630 through 97.635, and the requirements for a continuous emission monitoring system (pursuant to 40 CFR Part 75, Subparts B and H), an excepted monitoring system (pursuant to 40 CFR Part 75, Appendices D and E), a low mass emissions excepted monitoring methodology (pursuant to 40 CFR part 75.19), and an alternative monitoring system (pursuant to 40 CFR Part 75, Subpart E), Therefore, the Description of TR Monitoring Provisions table for units identified in this permit may be added to, or changed, in this Title V permit using minor permit modification procedures in accordance with 40 CFR 97.606(d)(2) and 70.7(e)(2)(i)(B) or 71.7(e)(1)(i)(B).

(e) Additional recordkeeping and reporting requirements.

- (1) Unless otherwise provided, the owners and operators of each TR SO₂ Group 1 source and each TR SO₂ Group 1 unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.
 - (i). The certificate of representation under 40 CFR 97.616 for the designated representative for the source and each TR SO₂ Group 1 unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under 40 CFR 97.616 changing the designated representative.
 - (ii). All emissions monitoring information, in accordance with 40 CFR part 97, subpart CCCCC.
 - (iii). Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the TR SO₂ Group 1 Trading Program.
- (2) The designated representative of a TR SO₂ Group 1 source and each TR SO₂ Group 1 unit at the source shall make all submissions required under the TR SO₂ Group 1 Trading Program, except as provided in 40 CFR 97.618. This requirement does not change, create an exemption from, or otherwise affect the responsible official submission requirements under a title V operating permit program in 40 CFR Parts 70 and 71.

(f) Liability.

- (1) Any provision of the TR SO₂ Group 1 Trading Program that applies to a TR SO₂ Group 1 source or the designated representative of a TR SO₂ Group 1 source shall also apply to the owners and operators of such source and of the TR SO₂ Group 1 units at the source.
- (2) Any provision of the TR SO₂ Group 1 Trading Program that applies to a TR SO₂ Group 1 unit or the designated representative of a TR SO₂ Group 1 unit shall also apply to the owners and operators of such unit.

(g) Effect on other authorities.

No provision of the TR SO₂ Group 1 Trading Program or exemption under 40 CFR 97.605 shall be construed as exempting or excluding the owners and operators, and the designated representative, of a TR SO₂ Group 1 source or TR SO₂ Group 1 unit from compliance with any other provision of the applicable, approved state implementation plan, a federally enforceable permit, or the Clean Air Act.

(h) Effect on units in Indian country.

Notwithstanding the provisions of paragraphs (a) through (g) above, paragraphs (a) through (g) shall be deemed not to impose any requirements on any source or unit, or any owner, operator, or designated representative with regard to any source or unit, in Indian country within the borders of the state.