

EQUI 10 Boiler No. 3	21	After the effective date of any relevant standard promulgated by the Administrator under 40 CFR pt. 63, the Permittee who constructs a new affected source that is not major-emitting or reconstructs an affected source that is not major-emitting that is subject to such standard, or reconstructs a source such that the source becomes an affected source subject to the standard, must notify the Administrator of the intended construction or reconstruction. The notification must be submitted in accordance with the procedures in 40 CFR Section 63.9(b). [40 CFR 63.5(b)(4), Minn. R. 7011.7000]
EQUI 10 Boiler No. 3	22	After the effective date of any relevant standard promulgated by the Administrator under 40 CFR pt. 63, equipment added (or a process change) to an affected source that is within the scope of the definition of affected source under the relevant standard must be considered part of the affected source and subject to all provisions of the relevant standard established for that affected source. [40 CFR 63.5(b), Minn. R. 7011.7000]
EQUI 10 Boiler No. 3	23	The standards in 40 CFR Section 63.11201 apply at all times the affected boilers are operating, except during periods of startup and shutdown as defined in 40 CFR Section 63.11237, during which time the Permittee must comply only with 40 CFR pt. 63, subp. JJJJJ, Table 2. [40 CFR 63.11201(d), Minn. R. 7011.7055]
EQUI 10 Boiler No. 3	24	On each day of operation of Boiler No. 3 (EQUI 10), the Permittee shall record the following information: - The date - The specific type(s) of fuel combusted on that date - The hours of operation during which each fuel was combusted - The type of operation during which each fuel was combusted. -- Normal operation -- Gas curtailment -- Gas supply interruption -- Startups - Periodic testing on liquid fuel - The total hours of periodic testing of Boiler No. 3 during the current calendar year while combusting liquid fuel. The Permittee shall retain these records on-site for at least five years. [40 CFR 63.11195, 40 CFR 63.11237, Minn. R. 7007.0800, subp. 4, Minn. R. 7011.7055]

EQUI 10 Boiler No. 3	25	The Permittee shall maintain, at a minimum, the following information in the files: 1) the occurrence and duration of each startup, shutdown, or malfunction of operation when the startup or shutdown causes the source to exceed any applicable emission limitation in the relevant emission standards; 2) the occurrence and duration of each malfunction of operation (i.e., process equipment) or the required air pollution control and monitoring equipment; 3) all maintenance performed on the air pollution control and monitoring equipment; 4) actions taken during periods of startup, shutdown, and malfunction when such actions are different from the procedures specified in the affected source's startup, shutdown, and malfunction plan (SSMP). In this case, the Permittee shall report this action within 2 days of occurrence and follow by a written notification within 7 days of occurrence; 5) all information necessary to demonstrate conformance with the affected source's SSMP and actions taken in accordance with SSMP; 6) each period during which a continuous monitoring system (CMS) is malfunctioning or inoperative; 7) all required measurements needed to demonstrate compliance with a relevant standard; 8) all results of performance test, CMS performance evaluations, and opacity and visible emission observations; 9) all measurements as may be necessary to determine
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EQUI 10 Boiler No. 3	26	The Permittee must maintain the following records: (1) A copy of each notification and report that was submitted to comply with 40 CFR pt. 63, subp. JJJJJ, including all documentation supporting any Initial Notification or Notification of Compliance Status that was submitted, as required by 40 CFR Section 63.10(b)(2)(xiv); (2) Records to document conformance with 40 CFR Sections 63.11214 and 63.11223 as specified as follows: (i) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned. (ii) For operating units that combust non-hazardous secondary materials that have been determined not to be solid waste pursuant to 40 CFR 241.3(b)(1), keep a record which documents how the secondary material meets each of the legitimacy criteria under 40 CFR 241.3(d)(1). If a fuel that has been processed from a discarded non-hazardous secondary material pursuant to 40 CFR 241.3(b)(4) is combusted, keep records as to how the operations that produced the fuel satisfies the definition of processing in 40 CFR 241.2 and each of the legitimacy criteria in 40 CFR 241. (iii) For each boiler required to conduct an energy assessment, the Permittee must keep a copy of the energy assessment report. (3) Records of the occurrence and duration of each malfunction of each boiler or of the associated air pollution
EQUI 10 Boiler No. 3	27	Recordkeeping: The Permittee shall maintain files of all information required by 40 CFR pt. 63 in a form suitable and readily available for expeditious inspection and review. The files should be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Only the most recent two years of information must be kept on site. [40 CFR 63.10(b)(1), Minn. R. 7019.0100, subp. 2(B)]

EQUI 10 Boiler No. 3	28	Records must be in a form suitable and readily available for expeditious review. The Permittee must keep each record for 5 years following the date of each recorded action. The Permittee must keep each record on-site or be accessible from a central location by computer or other means that instantly provide access at the site for at least 2 years after the date of each recorded action. The Permittee may keep the records off site for the remaining 3 years. [40 CFR 63.10(b)(1), 40 CFR 63.11225(d), Minn. R. 7011.7000, Minn. R. 7011.7055]
EQUI 10 Boiler No. 3	29	The Permittee must conduct a performance tune-up according to 40 CFR Section 63.11223(b) and submit a signed statement in the Notification of Compliance Status report that indicates that the Permittee conducted a tune-up of the boiler. [40 CFR 63.11214(b), Minn. R. 7011.7055]
EQUI 10 Boiler No. 3	30	The Permittee must submit all of the notifications in 40 CFR Sections 63.7(b); 63.8(e) and (f); 63.9(b) through (e), (g) and (h) that apply by the dates specified in those sections except as specified in 40 CFR Section 63.11225(a)(2) and (4). [40 CFR 63.11225(a)(1), Minn. R. 7011.7055]
EQUI 10 Boiler No. 3	31	The Permittee shall provide notice of the date upon which you switched fuels, made the physical change, or took a permit limit within 30 days of the change. The notification must identify: (1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that have switched fuels, were physically changed, or took a permit limit, and the date of the notice. (2) The date upon which the fuel switch, physical change, or permit limit occurred. [40 CFR 63.11225(g), Minn. R. 7011.7055]
EQUI 10 Boiler No. 3	32	The Permittee shall submit a signed certification in the Notification of Compliance Status report that an energy assessment of the boiler and its energy use systems was completed and is an accurate depiction of the boiler. [40 CFR 63.11214(c), Minn. R. 7011.7055]

EQUI 10 Boiler No. 3	33	Notification of compliance status. The Permittee shall submit to the Administrator a notification of compliance status, signed by the responsible official who shall certify its accuracy, attesting to whether the source has complied with 40 CFR pt. 63, subp. JJJJJ. [40 CFR 63.11225(a)(1), 40 CFR 63.11225(a)(4)(i), 40 CFR 63.9(h), Minn. R. 7011.7055]
EQUI 10 Boiler No. 3	34	The Permittee shall submit an initial Notification within 120 days after the source becomes subject to 40 CFR pt. 63, subp. JJJJJ. [40 CFR 63.11225(a)(2), Minn. R. 7011.7055]
EQUI 10 Boiler No. 3	35	The Permittee shall submit the Notification of Compliance Status no later than 120 days after a boiler becomes subject to 40 CFR pt. 63, subp. JJJJJ. The Notification of Compliance Status must include the information and certification(s) of compliance in paragraphs (i) through (v) of this section, as applicable, and signed by a responsible official. (i) The notification shall list: - The methods that were used to determine compliance; - The methods that will be used for determining continuing compliance, including a description of monitoring and reporting requirements and test methods; and - A statement by the owner or operator of the affected existing, new, or reconstructed source as to whether the source has complied with the relevant standard or other requirements. (ii) "This facility complies with the requirements in 40 CFR 63.11214 to conduct an initial tune-up of the boiler." (iii) "This facility has had an energy assessment performed according to 40 CFR 63.11214(c)." - The notification must be submitted electronically using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written Notification of Compliance Status must be submitted to the Administrator at

EQUI 10 Boiler No. 3	36	The Permittee shall send the notification of compliance status before the close of business on the 60th day following the completion of the energy assessment and tune-up. Notifications may be combined as long as the due date requirement for each notification is met. [40 CFR 63.11225(a)(1), 40 CFR 63.11225(a)(4)(i), 40 CFR 63.9(h), Minn. R. 7011.7055]
EQUI 10 Boiler No. 3	37	The Permittee shall comply with all requirements for compliance status reports. [40 CFR 63.11225(a)(1), 40 CFR 63.11225(a)(4)(i), 40 CFR 63.9(h), Minn. R. 7011.7055]
EQUI 10 Boiler No. 3	38	The Permittee shall prepare, by March 1 of each year, and submit to the delegated authority upon request, an annual compliance certification report for the previous calendar year containing the information specified in paragraphs (1) through (4), below. The Permittee shall submit the report by March 15 if the source experienced any deviations from the applicable requirements during the reporting period. For boilers that are subject only to a requirement to conduct a biennial or 5-year tune-up and not subject to emission limits or operating limits, the Permittee may prepare only a biennial or 5-year compliance report as specified in paragraphs (1) and (2), below. (1) Company name and address. (2) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. The notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official: (i) "This facility complies with the requirements in 40 CFR 63.11223 to conduct a biennial or 5-year tune-up, as applicable, of each boiler." (ii) "This facility complies with the requirement in 40 CFR 63.11214(d) and 63.11223(g) to minimize the

EQUI 10 Boiler No. 3	39	If the Permittee made a fuel switch or a physical change to a boiler that resulted in: (a) the boiler becoming subject to 40 CFR pt. 63, subp. JJJJJ, (b) the boiler becoming subject to a different subcategory of 40 CFR pt. 63, subp. JJJJJ, or (c) the boiler switching out of 40 CFR pt. 63, subp. JJJJJ due to a change to 100 percent natural gas, the Permittee shall provide notice of the date upon which the fuel switch or the physical change occurred within 30 days of the change. The notification must identify: (1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that have switched fuels, were physically changed, or took a permit limit, and the date of the notice. (2) The date upon which the fuel switch, physical change, or permit limit occurred. [40 CFR 63.11225(g), Minn. R. 7011.7055]
EQUI 10 Boiler No. 3	40	Opacity <= 20 percent 6-minute average, except for one 6-minute period per hour of not more than 27 percent opacity. This limit becomes effective on and after the date on which the initial performance test is completed or required to be completed under 40 CFR Section 60.8, whichever date comes first. The opacity standard applies at all times, except during periods of startup, shutdown, or malfunction. [40 CFR 60.43c(c) and (d), Minn. R. 7011.0570]
EQUI 10 Boiler No. 3	41	The Permittee shall limit the sulfur content of fuel: Sulfur Content of Fuel <= 0.50 percent by weight or Sulfur Dioxide: less than or equal to 205 ng/J (0.50 lb/MMBtu). [40 CFR 60.42c(d), Minn. R. 7011.0570]
EQUI 10 Boiler No. 3	42	The SO ₂ emission limits, fuel oil sulfur limits, and percent reduction requirements under 40 CFR Section 60.42c apply at all times, including periods of startup, shutdown, and malfunction. [40 CFR 60.42c(i), Minn. R. 7011.0570]
EQUI 10 Boiler No. 3	43	No owner or operator shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. [40 CFR 60.12, Minn. R. 7011.0050]

EQUI 10 Boiler No. 3	44	Opacity : The Permittee shall conduct initial performance test : Due 180 calendar days after Initial Startup Date. [40 CFR 60.45c(a) and (c)(4), 40 CFR 60.8. Minn. R. 7011.0570]
EQUI 10 Boiler No. 3	45	Opacity Compliance: The Permittee shall demonstrate compliance with opacity standards using Reference Method 9. [40 CFR 60.11, Minn. R. 7017.2015]
EQUI 10 Boiler No. 3	46	Opacity Testing: In addition to the initial opacity testing required by 40 CFR Section 60.47c(a), the Permittee shall conduct subsequent performance tests using one of the following options. 1) Using Method 9 of Appendix A-4 of 40 CFR pt. 60, using the procedures in 40 CFR Section 60.47c(a) according to the applicable schedule in 40 CFR Section 60.47c(a)(1)(i) through (a)(1)(iv), as determined by the most recent Method 9 of Appendix A-4 of 40 CFR pt. 60 performance test results; OR 2) If the maximum 6-minute opacity is less than 10 percent during the most recent Method 9 of Appendix A-4 of 40 CFR pt. 60 performance test, the Permittee may, as an alternative to option 1 above, elect to perform subsequent monitoring using Method 22 of Appendix A-7 of 40 CFR pt. 60 according to the procedures specified in 40 CFR Section 60.47c(a)(2)(i) and (ii); OR 3). If the maximum 6-minute opacity is less than 10 percent during the most recent Method 9 of Appendix A-4 of 40 CFR pt. 60 performance test, the Permittee may, as an alternative to option 1 above, elect to perform subsequent monitoring using a digital opacity compliance system according to a site-specific monitoring plan approved by the Administrator. The observations shall be similar, but not necessarily identical, to the requirements in 40 CFR Section 60.47c(a)(2). For reference purposes in preparing the monitoring plan, see 40 CFR
EQUI 10 Boiler No. 3	47	Fuel Supplier Certification: The Permittee shall determine compliance with the fuel oil sulfur limits based on a certification from the fuel supplier. [40 CFR 60.42c(h)(1), 40 CFR 60.45c(d), Minn. R. 7007.0800, subps. 4-5, Minn. R. 7011.0570]

EQUI 10 Boiler No. 3	48	Fuel Supplier Certification Requirements: The certification shall include the following information for distillate fuel oil: 1. The name of the oil supplier; 2. A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR Section 60.41c; and 3. The sulfur content of the oil. This certification shall be obtained for each delivery of distillate fuel oil. [40 CFR 60.44c(h), 40 CFR 60.48c(e)(11), 40 CFR 60.48c(f)(1), Minn. R. 7011.0570]
EQUI 10 Boiler No. 3	49	The Permittee shall record and maintain records of the amount of each fuel combusted at EQUI 10 during each operating day; OR the Permittee may elect to record and maintain records of the amount of each fuel combusted at EQUI 10 during each calendar month. If this option is chosen, by the last day of each calendar month, the Permittee shall record the amount of each fuel combusted in EQUI 10 during the previous calendar month. These records shall consist of purchase records, receipts, or fuel meter readings. [40 CFR 60.48c(g), Minn. R. 7007.0800, subps. 4-5, Minn. R. 7011.0570]
EQUI 10 Boiler No. 3	50	Recordkeeping: The Permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the facility including; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. [40 CFR 60.7(b), Minn. R. 7019.0100, subp. 1]
EQUI 10 Boiler No. 3	51	The Permittee shall maintain records required by 40 CFR pt. 60, subp. Dc for a period of two years following the date of such record. [40 CFR 60.48c(i), Minn. R. 7011.0570]

EQUI 10 Boiler No. 3	52	The Permittee shall submit a notification of date construction began : Due 30 calendar days after Date of Construction Start. Submit the name and number of the Subject Item and the date construction began. The Permittee shall submit the notification both to the Commissioner and to the US EPA regional office in Chicago. This notification shall include: (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility; and (2) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired. [40 CFR 60.48c(a)(1) and (3), 40 CFR 60.7(a)(1), Minn. R. 7011.0570, Minn. R. 7019.0100, subp. 1]
EQUI 10 Boiler No. 3	53	The Permittee shall submit a notification of the actual date of initial startup : Due 15 calendar days after Initial Startup Date. The Permittee shall submit the notification both to the Commissioner and to the US EPA regional office in Chicago. This notification shall include: (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility; and (2) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired. [40 CFR 60.48c(a)(1) and (3), 40 CFR 60.7(a)(3), 40 CFR 63.11225(a)(2), 40 CFR 63.9(b), Minn. R. 7011.0570, Minn. R. 7011.7055, Minn. R. 7019.0100, subp. 1]
EQUI 10 Boiler No. 3	54	The Permittee shall submit a notification of any physical or operational change which increases emission rate: due 60 days (or as soon as practical) before the change is commenced. [40 CFR 60.7(a)(4), Minn. R. 7019.0100, subp. 1]
EQUI 10 Boiler No. 3	55	The Permittee shall submit a notification of anticipated date for conducting opacity observations : Due 30 calendar days before Opacity Observation Date. The Permittee shall submit the notification both to the Commissioner and to the US EPA regional office in Chicago. [40 CFR 60.7(a)(6), Minn. R. 7019.0100, subp. 1]

EQUI 10 Boiler No. 3	56	The Permittee shall submit the results of the initial opacity performance test and any subsequent opacity performance tests to the MPCA. [40 CFR 60.48c(b), Minn. R. 7011.0570]
EQUI 10 Boiler No. 3	57	The Permittee shall submit a semiannual compliance report : Due by 30 days after end of each calendar half-year. The report shall include the information specified in this permit. This report may be submitted with the Semiannual Deviations Report also specified in this permit. [40 CFR 60.48c(d) and (j), Minn. R. 7011.0570]
EQUI 10 Boiler No. 3	58	Semiannual Compliance Report Contents: The Permittee shall include the following in the Semiannual Compliance Report: 1) Calendar dates covered in the reporting period; 2) Records of fuel supplier certification including the name of the fuel oil supplier, a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR Section 60.41c, and the sulfur content or maximum sulfur content of the oil; and 3) A certified statement signed by the Permittee that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period. [40 CFR 60.48c(d) and (e), Minn. R. 7011.0570]
EQUI 10 Boiler No. 3	59	The Permittee is authorized to install and operate Boiler No. 3 (EQUI 10) as defined by the information in Appendix C of this permit within 18 months after construction is authorized under Permit No. 03700007-007. The Permittee shall design and operate Boiler No. 3 with an oxygen trim system. Boiler No. 3 shall meet all the requirements of this permit. [Minn. R. 7007.0800, subp. 2]
EQUI 10 Boiler No. 3	60	Fuel type: Limited to natural gas, distillate oil, refined animal fat/vegetable oil, propane, and glycerin. [Minn. R. 7005.0100, subp. 35a, Minn. R. 7007.0800, subp. 2]
EQUI 10 Boiler No. 3	61	Fuel Testing Requirements: Test burns shall be conducted for glycerin and refined animal fat/vegetable oil (RAFVO) to measure emissions of PM, PM10, PM2.5, Opacity, CO, NOx, SO2, HCl, VOCs, HAPs and other chemicals of potential interest as determined by the MPCA for the purpose of developing emission factors. [Minn. R. 7007.0800, subp. 2]

EQUI 10 Boiler No. 3	62	Fuel Testing Restrictions: Initial performance tests conducted during test burns shall be done in accordance with an MPCA-approved test plan and limited to no more than 350 hours of operation and a test period not to exceed 90 days. [Minn. R. 7007.0800, subp. 2]
EQUI 10 Boiler No. 3	63	Fuel Testing Submittals: The Permittee shall submit a written performance test notification and test plan at least 30 days prior to initial combustion of glycerin or refined animal fat/vegetable oil (RAFVO). The test plan shall: 1) provide the anticipated date of initial combustion of glycerin or refined animal fat/vegetable oil (RAFVO); 2) meet the requirements of Minn. R. 7017.2030; and 3) include the type and estimated amount of fuels to be tested; operating parameters and anticipated fuel mixes during the test; air pollutants that will be measured during the testing; and a testing schedule. [Minn. R. 7017.2018, Minn. R. 7017.2030, subps. 1-4]

EQUI 10 Boiler No. 3	64	Authorization to Burn Glycerin and/or Refined Animal Fat/Vegetable Oil (RAFVO) Fuels Tested Below Existing Permit Limits: Within 45 days of completing any initial fuel test to burn glycerin or RAFVO, the Permittee shall submit a written test report to the MPCA that characterizes emissions from the tested fuel. Specifically the report will describe: (1) whether use of the fuel can be accomplished while the Permittee remains under existing permit limits for criteria and hazardous air pollutants; and (2) whether the pollutant emissions rates measured during testing exceed any pollutant emission factors relied upon for Air Emission Permit No. 03700070-007. Upon written approval from the MPCA, and receipt of the appropriate permit amendment when necessary where there may be an increase in criteria pollutant emissions in pounds per hour, the Permittee may commence the use of the tested fuel. For any tested fuel where compliance with existing permit limits cannot be demonstrated during its use, the Permittee may not use such a fuel until it has complied with the permit amendment requirements in Minn. R. 7007.1150 through 7007.1500. If the tested fuel has emission factors higher than those specified but will not exceed 90.0 tpy of any individual criteria pollutant, 9.0 tpy of any HAP or 20.0 tons of total HAPs, upon written approval from the MPCA, and receipt of the appropriate permit amendment
EQUI 10 Boiler No. 3	65	Total Particulate Matter : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 5 and 202, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]

EQUI 10 Boiler No. 3	66	PM < 10 micron : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	67	PM < 2.5 micron : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	68	Opacity : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 9, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	69	Carbon Monoxide : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 10, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	70	Nitrogen Oxides : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 7E, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]

EQUI 10 Boiler No. 3	71	Sulfur Dioxide : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 6C, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	72	Hydrochloric acid : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 26, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	73	Volatile Organic Compounds : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure VOC emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 25A, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	74	HAPs : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 18, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]

EQUI 10 Boiler No. 3	75	Total Particulate Matter : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 5 and 202, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	76	PM < 10 micron : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	77	PM < 2.5 micron : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]

EQUI 10 Boiler No. 3	78	Opacity : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 9, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	79	Carbon Monoxide : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 10, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	80	Nitrogen Oxides : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 7E, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	81	Sulfur Dioxide : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 6C, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]

EQUI 10 Boiler No. 3	82	Hydrochloric acid : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 26, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	83	Volatile Organic Compounds : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 25A, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	84	HAPs : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 18, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 10 Boiler No. 3	85	40 CFR pt. 63, subp. JJJJJ is an Applicable Requirement under Minn. R. 7007.0100, subp. 7(D); however, this standard is not delegated to MPCA. [Minn. R. 7007.0100, subp. 7(D)]

EQUI 10 Boiler No. 3	86	Monthly Recordkeeping and Calculation - HAP Emissions: After the Permittee conducts any initial test for glycerin and/or refined animal fats/vegetable oil (RAFVO), the Permittee shall maintain records and calculate the individual HAP and total HAP emissions by the 15th day of each month for the previous month using a 12-month rolling sum. Calculations shall be performed using MPCA approved emission factors as determined by performance test. [Minn. R. 7007.0800, subps. 4-5]
EQUI 16 Continuous Cooker No. 1	1	The Permittee shall vent emissions from EQUI 16 to TREA 28 at all times EQUI 16 is in operation to meet applicable PM, PM10, and PM2.5 limits. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
EQUI 16 Continuous Cooker No. 1	2	Total Particulate Matter <= 0.30 grains per dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735. [Minn. R. 7011.0715, subp. 1(A)]
EQUI 16 Continuous Cooker No. 1	3	Opacity <= 20 percent opacity. [Minn. R. 7011.0715, subp. 1(B)]
EQUI 16 Continuous Cooker No. 1	1	The Permittee shall vent emissions from EQUI 17 to TREA 28 at all times EQUI 17 is in operation to meet applicable PM, PM10, and PM2.5 limits. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
EQUI 17 Continuous Cooker No. 2	2	Total Particulate Matter <= 0.30 grains per dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735. [Minn. R. 7011.0715, subp. 1(A)]
EQUI 17 Continuous Cooker No. 2	3	Opacity <= 20 percent opacity. [Minn. R. 7011.0715, subp. 1(B)]

EQUI 18 Feather Pneumatic Conveying System	1	PM < 10 micron <= 0.010 pounds per hour 3-hour average. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
EQUI 18 Feather Pneumatic Conveying System	2	PM < 2.5 micron <= 0.010 pounds per hour 3-hour average. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
EQUI 18 Feather Pneumatic Conveying System	3	The Permittee shall vent emissions from EQUI 18 to TREA 35 at all times EQUI 18 is in operation to meet applicable PM, PM10 and PM2.5 limits. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
EQUI 18 Feather Pneumatic Conveying System	4	Total Particulate Matter <= 0.30 grains per dry standard cubic foot 3-hour rolling average of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735. The facility has showed compliance based on dispersion modeling. [Minn. R. 7011.0715, subp. 1(A)]
EQUI 18 Feather Pneumatic Conveying System	5	Opacity <= 20 percent opacity. [Minn. R. 7011.0715, subp. 1(B)]

EQUI 19 Boiler No. 1	1	PM < 10 micron ≤ 0.84 pounds per hour 3-hour average. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
EQUI 19 Boiler No. 1	2	PM < 2.5 micron ≤ 0.56 pounds per hour 3-hour average. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
EQUI 19 Boiler No. 1	3	Sulfur Content of Fuel ≤ 0.050 percent by weight. This limit applies to No. 2 (distillate) fuel oil. Compliance with this limit also demonstrates compliance with the 2.0 lb/million Btu limit of Minn. R. 7011.0515, subp. 1. (0.050 weight percent sulfur is equivalent to 0.055 lb SO ₂ /million Btu.). [Minn. R. 7011.0515, subp. 1, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
EQUI 19 Boiler No. 1	4	Sulfur Content of Fuel ≤ 0.10 percent by weight. This limit applies to liquid fuels other than No. 2 (distillate) fuel oil. Compliance with this limit also demonstrates compliance with the 2.0 lb/million Btu limit of Minn. R. 7011.0515, subp. 1. (0.10 weight percent sulfur is equivalent to 0.11 lb SO ₂ /million Btu.). [Minn. R. 7011.0515, subp. 1, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
EQUI 19 Boiler No. 1	5	The requirements of 40 CFR 63, Subpart JJJJJ apply when Boiler No. 1 (EQUI 19) is not operated as a natural gas-fired boiler. [40 CFR 63.11195, 40 CFR 63.11237, Minn. R. 7011.7055]

EQUI 19 Boiler No. 1	6	Alternative Operating Scenarios. The Permittee shall operate Boiler No. 1 (EQUI 19) in compliance with Operating Scenario 1 (operation as a gas-fired unit and not subject to the requirements of 40 CFR pt. 63, subp. JJJJJ) or in compliance with Operating Scenario 2 (operation as an affected facility in the oil subcategory of 40 CFR pt. 63, subp. JJJJJ and subject to those requirements). Upon operating under Operating Scenario 2, Boiler No. 1 becomes an affected facility under 40 CFR pt. 63, subp. JJJJJ and can no longer operate under Operating Scenario 1 for that calendar year. [40 CFR 63.11195, 40 CFR 63.11237, Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	7	Operating Scenario 1. The Permittee shall operate Boiler No. 1 (EQUI 19) in compliance with the definition of gas-fired boiler, below: Gas-fired boiler includes any boiler that burns gaseous fuels not combined with any solid fuels and burns liquid fuel only during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year. [40 CFR 63.11195, 40 CFR 63.11237, Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	8	Operating Scenario 2. Boiler No. 1 shall comply with the applicable requirements of 40 CFR pt. 63, subp. JJJJJ. [40 CFR 63.11195, 40 CFR 63.11237, Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	9	The Permittee shall operate Boiler No. 1 with an oxygen trim system that maintains an optimum air-to-fuel ratio. [40 CFR 63.11223(c), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	10	Circumvention. The Permittee shall not build, erect, install, or use any article, machine, equipment, or process to conceal an emission that would otherwise constitute noncompliance with a relevant standard. Such concealment includes, but is not limited to: (1) The use of diluents to achieve compliance with a relevant standard based on the concentration of a pollutant in the effluent discharged to the atmosphere; or (2) The use of gaseous diluents to achieve compliance with a relevant standard for visible emissions. [40 CFR 63.4(b), Minn. R. 7011.7000]

EQUI 19 Boiler No. 1	11	Proper Operation and Maintenance: At all times, including periods of startup, shutdown and malfunction, the Permittee shall operate and maintain the emission unit subject to the MACT standard and its associated air pollution control and monitoring equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions at least to the levels required by all relevant standards. [40 CFR 63.6(e)(1)(i), Minn. R. 7011.7000]
EQUI 19 Boiler No. 1	12	At all times the Permittee must operate and maintain affected boilers, including associated air pollution control equipment and monitoring equipment, 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 this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that 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 source. [40 CFR 63.11205(a), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	13	Malfunctions shall be corrected as soon as practicable after their occurrence. [40 CFR 63.6(e)(1)(ii), Minn. R. 7011.7000]
EQUI 19 Boiler No. 1	14	The Permittee shall prepare and implement a Startup, Shutdown, and Malfunction Plan (SSMP) for each of the emission units subject to Maximum Control Technology Standards by March 21, 2014. The SSMP including associated control and monitoring equipment shall be prepared in accordance with 40 CFR Section 63.6(e)(3) and include requirements specified therein. The SSMP must be located at the plant site and must be kept updated. When the SSMP is updated, the Permittee must keep all previous versions of the SSMP for a period of 5 years. The Permittee must submit the SSMP when required. [40 CFR 63.6(e)(3)(i), 40 CFR 63.6(e)(3)(v), Minn. R. 7011.7000]

EQUI 19 Boiler No. 1	15	Notwithstanding the allowance to reduce the frequency of reporting for periodic SSM reports under 40 CFR Section 63.10(d)(5)(i), any time an action taken by the Permittee during a startup or shutdown that caused the source to exceed any applicable emission limitation in the standard, or malfunction (including actions taken to correct a malfunction) is not consistent with the procedures specified in the facility's SSMP, the Permittee shall report the actions taken for that event within 2 working days after commencing actions inconsistent with the plan followed by a letter within 7 working days after the end of the event. The immediate report required shall consist of a telephone call (FAX) to the Administrator within 2 working days after commencing actions inconsistent with the plan, and it shall be followed by a letter delivered or postmarked within 7 working days after the end of the event. The report shall contain the information specified in 40 CFR Section 63.10(d)(5)(ii). [40 CFR 63.10(d)(5)(ii), Minn. R. 7019.0100, subp. 2(B)]
EQUI 19 Boiler No. 1	16	Within 30 days of Boiler No. 1 becoming subject to 40 CFR pt. 63, subp. JJJJJ, the Permittee shall conduct an initial tune-up of Boiler No. 1. The Permittee must conduct a tune-up of Boiler No. 1 every five years to demonstrate continuous compliance. Each tune-up must be conducted no more than 61 months after the previous tune-up. [40 CFR 63.11201(b), 40 CFR 63.11214(b), 40 CFR 63.11223(b), 40 CFR pt. 63, subp. JJJJJ (Table 2), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	17	The Permittee shall complete the initial performance tune-up no later than 30 days after the start of the affected boiler. [40 CFR 63.11210(c), Minn. R. 7011.7055]

EQUI 19 Boiler No. 1	18	The Permittee must conduct a tune-up for each boiler every 5 years as specified in 40 CFR Sections 63.11214 and 63.11223 and keep records as required in 40 CFR Section 63.11225(c) to demonstrate continuous compliance. The tune-up must be conducted while burning the type of fuel (or fuels in the case of boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the boiler over the 12 months prior to the tune-up. [40 CFR 63.11201(b), 40 CFR 63.11223(a), 40 CFR pt. 63, subp. JJJJJ (Table 2), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	19	The Permittee must conduct a tune-up of the boiler every 5 years no more than 61 months after the previous tune-up, to demonstrate continuous compliance as specified in (1) through (7) as follows: (1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the Permittee may delay the burner inspection until the next scheduled unit shutdown, not to exceed 72 months from the previous inspection). (2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available. (3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (the Permittee may delay the inspection until the next scheduled unit shutdown, not to exceed 72 months from the previous inspection). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 72 months from the previous inspection. (4) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which the unit is subject. (5) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the
EQUI 19 Boiler No. 1	20	The Permittee shall complete the one-time energy assessment within 180 days of the effective date of the fuel switch or the physical change. [40 CFR 63.11210(h), Minn. R. 7011.7055]

EQUI 19 Boiler No. 1	21	The Permittee must have a one-time energy assessment performed by a qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements in Table 2 to 40 CFR pt. 63, subp. JJJJJ satisfies the energy assessment requirement. Energy assessor approval and qualification requirements are waived in instances where past or amended energy assessments are used to meet the energy assessment requirements. The energy assessment must include the following with extent of the evaluation for items (1) to (4) appropriate for the on-site technical hours listed in 40 CFR 63.11237. The energy assessment must include: (1) A visual inspection of the boiler system; (2) An evaluation of operating characteristics of the affected boiler systems, specifications of energy using systems, operating and maintenance procedures, and unusual operating constraints; (3) An inventory of major energy use systems consuming energy from affected boiler(s) and which are under control of the boiler owner or operator; (4) A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage; (5) A list of major energy conservation measures that are within the facility's control; (6) A list of the energy savings potential of the energy conservation measures identified; and (7) A comprehensive
EQUI 19 Boiler No. 1	22	Prior to construction or reconstruction of a major-emitting "affected source" under the promulgated MACT standards, the Permittee must apply for and obtain an air emission permit. [40 CFR 63.5(b)(3), Minn. R. 7011.7000]

EQUI 19 Boiler No. 1	23	After the effective date of any relevant standard promulgated by the Administrator under 40 CFR pt. 63, the Permittee who constructs a new affected source that is not major-emitting or reconstructs an affected source that is not major-emitting that is subject to such standard, or reconstructs a source such that the source becomes an affected source subject to the standard, must notify the Administrator of the intended construction or reconstruction. The notification must be submitted in accordance with the procedures in 40 CFR Section 63.9(b). [40 CFR 63.5(b)(4), Minn. R. 7011.7000]
EQUI 19 Boiler No. 1	24	After the effective date of any relevant standard promulgated by the Administrator under 40 CFR pt. 63, equipment added (or a process change) to an affected source that is within the scope of the definition of affected source under the relevant standard must be considered part of the affected source and subject to all provisions of the relevant standard established for that affected source. [40 CFR 63.5(b), Minn. R. 7011.7000]
EQUI 19 Boiler No. 1	25	The standards in 40 CFR Section 63.11201 apply at all times the affected boilers are operating, except during periods of startup and shutdown as defined in 40 CFR Section 63.11237, during which time the Permittee must comply only with 40 CFR pt. 63, subp. JJJJJ, Table 2. [40 CFR 63.11201(d), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	26	On each day of operation of Boiler No. 3 (EQUI 10), the Permittee shall record the following information: - The date - The specific type(s) of fuel combusted on that date - The hours of operation during which each fuel was combusted - The type of operation during which each fuel was combusted. -- Normal operation -- Gas curtailment -- Gas supply interruption -- Startups - Periodic testing on liquid fuel - The total hours of periodic testing of Boiler No. 3 during the current calendar year while combusting liquid fuel. The Permittee shall retain these records on-site for at least five years. [40 CFR 63.11195, 40 CFR 63.11237, Minn. R. 7007.0800, subp. 4, Minn. R. 7011.7055]

EQUI 19 Boiler No. 1	27	The Permittee shall maintain, at a minimum, the following information in the files: 1) the occurrence and duration of each startup, shutdown, or malfunction of operation when the startup or shutdown causes the source to exceed any applicable emission limitation in the relevant emission standards; 2) the occurrence and duration of each malfunction of operation (i.e., process equipment) or the required air pollution control and monitoring equipment; 3) all maintenance performed on the air pollution control and monitoring equipment; 4) actions taken during periods of startup, shutdown, and malfunction when such actions are different from the procedures specified in the affected source's startup, shutdown, and malfunction plan (SSMP). In this case, the Permittee shall report this action within 2 days of occurrence and follow by a written notification within 7 days of occurrence; 5) all information necessary to demonstrate conformance with the affected source's SSMP and actions taken in accordance with SSMP; 6) each period during which a continuous monitoring system (CMS) is malfunctioning or inoperative; 7) all required measurements needed to demonstrate compliance with a relevant standard; 8) all results of performance test, CMS performance evaluations, and opacity and visible emission observations; 9) all measurements as may be necessary to determine
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EQUI 19 Boiler No. 1	28	The Permittee must maintain the following records: (1) A copy of each notification and report that was submitted to comply with 40 CFR pt. 63, subp. JJJJJ, including all documentation supporting any Initial Notification or Notification of Compliance Status that was submitted, as required by 40 CFR Section 63.10(b)(2)(xiv); (2) Records to document conformance with 40 CFR Sections 63.11214 and 63.11223 as specified as follows: (i) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned. (ii) For operating units that combust non-hazardous secondary materials that have been determined not to be solid waste pursuant to 40 CFR 241.3(b)(1), keep a record which documents how the secondary material meets each of the legitimacy criteria under 40 CFR 241.3(d)(1). If a fuel that has been processed from a discarded non-hazardous secondary material pursuant to 40 CFR 241.3(b)(4) is combusted, keep records as to how the operations that produced the fuel satisfies the definition of processing in 40 CFR 241.2 and each of the legitimacy criteria in 40 CFR 241. (iii) For each boiler required to conduct an energy assessment, the Permittee must keep a copy of the energy assessment report. (3) Records of the occurrence and duration of each malfunction of each boiler or of the associated air pollution
EQUI 19 Boiler No. 1	29	Recordkeeping: The Permittee shall maintain files of all information required by 40 CFR pt. 63 in a form suitable and readily available for expeditious inspection and review. The files should be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Only the most recent two years of information must be kept on site. [40 CFR 63.10(b)(1), Minn. R. 7019.0100, subp. 2(B)]

EQUI 19 Boiler No. 1	30	Records must be in a form suitable and readily available for expeditious review. The Permittee must keep each record for 5 years following the date of each recorded action. The Permittee must keep each record on-site or be accessible from a central location by computer or other means that instantly provide access at the site for at least 2 years after the date of each recorded action. The Permittee may keep the records off site for the remaining 3 years. [40 CFR 63.10(b)(1), 40 CFR 63.11225(d), Minn. R. 7011.7000, Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	31	The Permittee must conduct a performance tune-up according to 40 CFR Section 63.11223(b) and submit a signed statement in the Notification of Compliance Status report that indicates that the Permittee conducted a tune-up of the boiler. [40 CFR 63.11214(b), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	32	The Permittee must submit all of the notifications in 40 CFR Sections 63.7(b); 63.8(e) and (f); 63.9(b) through (e), (g) and (h) that apply by the dates specified in those sections except as specified in 40 CFR Section 63.11225(a)(2) and (4). [40 CFR 63.11225(a)(1), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	33	The Permittee shall provide notice of the date upon which you switched fuels, made the physical change, or took a permit limit within 30 days of the change. The notification must identify: (1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that have switched fuels, were physically changed, or took a permit limit, and the date of the notice. (2) The date upon which the fuel switch, physical change, or permit limit occurred. [40 CFR 63.11225(g), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	34	The Permittee shall submit a signed certification in the Notification of Compliance Status report that an energy assessment of the boiler and its energy use systems was completed and is an accurate depiction of the boiler. [40 CFR 63.11214(c), Minn. R. 7011.7055]

EQUI 19 Boiler No. 1	35	Notification of compliance status. The Permittee shall submit to the Administrator a notification of compliance status, signed by the responsible official who shall certify its accuracy, attesting to whether the source has complied with 40 CFR pt. 63, subp. JJJJJ. [40 CFR 63.11225(a)(1), 40 CFR 63.11225(a)(4)(i), 40 CFR 63.9(h), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	36	The Permittee shall submit an initial Notification within 120 days after the source becomes subject to 40 CFR pt. 63, subp. JJJJJ. [40 CFR 63.11225(a)(2), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	37	The Permittee shall submit the Notification of Compliance Status no later than 120 days after a boiler becomes subject to 40 CFR pt. 63, subp. JJJJJ. The Notification of Compliance Status must include the information and certification(s) of compliance in paragraphs (i) through (v) of this section, as applicable, and signed by a responsible official. (i) The notification shall list: - The methods that were used to determine compliance; - The methods that will be used for determining continuing compliance, including a description of monitoring and reporting requirements and test methods; and - A statement by the owner or operator of the affected existing, new, or reconstructed source as to whether the source has complied with the relevant standard or other requirements. (ii) "This facility complies with the requirements in 40 CFR 63.11214 to conduct an initial tune-up of the boiler." (iii) "This facility has had an energy assessment performed according to 40 CFR 63.11214(c)." - The notification must be submitted electronically using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written Notification of Compliance Status must be submitted to the Administrator at

EQUI 19 Boiler No. 1	38	The Permittee shall send the notification of compliance status before the close of business on the 60th day following the completion of the energy assessment and tune-up. Notifications may be combined as long as the due date requirement for each notification is met. [40 CFR 63.11225(a)(1), 40 CFR 63.11225(a)(4)(i), 40 CFR 63.9(h), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	39	The Permittee shall comply with all requirements for compliance status reports. [40 CFR 63.11225(a)(1), 40 CFR 63.11225(a)(4)(i), 40 CFR 63.9(h), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	40	The Permittee shall prepare, by March 1 of each year, and submit to the delegated authority upon request, an annual compliance certification report for the previous calendar year containing the information specified in paragraphs (1) through (4), below. The Permittee shall submit the report by March 15 if the source experienced any deviations from the applicable requirements during the reporting period. For boilers that are subject only to a requirement to conduct a biennial or 5-year tune-up and not subject to emission limits or operating limits, the Permittee may prepare only a biennial or 5-year compliance report as specified in paragraphs (1) and (2), below. (1) Company name and address. (2) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. The notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official: (i) "This facility complies with the requirements in 40 CFR 63.11223 to conduct a biennial or 5-year tune-up, as applicable, of each boiler." (ii) "This facility complies with the requirement in 40 CFR 63.11214(d) and 63.11223(g) to minimize the

EQUI 19 Boiler No. 1	41	If the Permittee made a fuel switch or a physical change to a boiler that resulted in: (a) the boiler becoming subject to 40 CFR pt. 63, subp. JJJJJ, (b) the boiler becoming subject to a different subcategory of 40 CFR pt. 63, subp. JJJJJ, or (c) the boiler switching out of 40 CFR pt. 63, subp. JJJJJ due to a change to 100 percent natural gas, the Permittee shall provide notice of the date upon which the fuel switch or the physical change occurred within 30 days of the change. The notification must identify: (1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that have switched fuels, were physically changed, or took a permit limit, and the date of the notice. (2) The date upon which the fuel switch, physical change, or permit limit occurred. [40 CFR 63.11225(g), Minn. R. 7011.7055]
EQUI 19 Boiler No. 1	42	Fuel Supplier Certification: The Permittee shall determine compliance with the fuel oil sulfur limits based on a certification from the fuel supplier. [40 CFR 60.42c(h)(1), 40 CFR 60.45c(d), Minn. R. 7007.0800, subps. 4-5, Minn. R. 7011.0570]
EQUI 19 Boiler No. 1	43	Total Particulate Matter <= 0.40 pounds per million Btu heat input 3-hour rolling average (The potential to emit from the unit is 0.014 lb/MMBtu due to equipment design and allowable fuels. [Minn. R. 7011.0515, subp. 1]
EQUI 19 Boiler No. 1	44	Opacity <= 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity. [Minn. R. 7011.0515, subp. 2]
EQUI 19 Boiler No. 1	45	Sulfur Dioxide <= 2.0 pounds per million Btu heat input 3-hour rolling average when burning distillate fuel oil. [Minn. R. 7011.0515, subp. 1]
EQUI 19 Boiler No. 1	46	The Permittee shall decommission or remove Boiler No. 1 (EQUI 19) within 180 days of the initial startup of Boiler No. 3 (EQUI 10). [Minn. R. 7007.0800, subp. 2]
EQUI 19 Boiler No. 1	47	Fuel type: Limited to natural gas, distillate oil, refined animal fat/vegetable oil, propane, and glycerin. [Minn. R. 7005.0100, subp. 35a, Minn. R. 7007.0800, subp. 2]

EQUI 19 Boiler No. 1	48	Fuel Testing Requirements: Test burns shall be conducted for glycerin and refined animal fat/vegetable oil (RAFVO) to measure emissions of PM, PM10, PM2.5, Opacity, CO, NOx, SO2, HCl, VOCs, HAPs and other chemicals of potential interest as determined by the MPCA for the purpose of developing emission factors. [Minn. R. 7007.0800, subp. 2]
EQUI 19 Boiler No. 1	49	Fuel Testing Restrictions: Initial performance tests conducted during test burns shall be done in accordance with an MPCA-approved test plan and limited to no more than 350 hours of operation and a test period not to exceed 90 days. [Minn. R. 7007.0800, subp. 2]
EQUI 19 Boiler No. 1	50	Fuel Testing Submittals: The Permittee shall submit a written performance test notification and test plan at least 30 days prior to initial combustion of glycerin or refined animal fat/vegetable oil (RAFVO). The test plan shall: 1) provide the anticipated date of initial combustion of glycerin or refined animal fat/vegetable oil (RAFVO); 2) meet the requirements of Minn. R. 7017.2030; and 3) include the type and estimated amount of fuels to be tested; operating parameters and anticipated fuel mixes during the test; air pollutants that will be measured during the testing; and a testing schedule. [Minn. R. 7017.2018, Minn. R. 7017.2030, subps. 1-4]

EQUI 19 Boiler No. 1	51	Authorization to Burn Glycerin and/or Refined Animal Fat/Vegetable Oil (RAFVO) Fuels Tested Below Existing Permit Limits: Within 45 days of completing any initial fuel test to burn glycerin or RAFVO, the Permittee shall submit a written test report to the MPCA that characterizes emissions from the tested fuel. Specifically the report will describe: (1) whether use of the fuel can be accomplished while the Permittee remains under existing permit limits for criteria and hazardous air pollutants; and (2) whether the pollutant emissions rates measured during testing exceed any pollutant emission factors relied upon for Air Emission Permit No. 03700070-007. Upon written approval from the MPCA, and receipt of the appropriate permit amendment when necessary where there may be an increase in criteria pollutant emissions in pounds per hour, the Permittee may commence the use of the tested fuel. For any tested fuel where compliance with existing permit limits cannot be demonstrated during its use, the Permittee may not use such a fuel until it has complied with the permit amendment requirements in Minn. R. 7007.1150 through 7007.1500. If the tested fuel has emission factors higher than those specified but will not exceed 90.0 tpy of any individual criteria pollutant, 9.0 tpy of any HAP or 20.0 tons of total HAPs, upon written approval from the MPCA, and receipt of the appropriate permit amendment
EQUI 19 Boiler No. 1	52	Total Particulate Matter : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 5 and 202, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]

EQUI 19 Boiler No. 1	53	PM < 10 micron : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	54	PM < 2.5 micron : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	55	Opacity : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 9, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	56	Carbon Monoxide : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 10, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	57	Nitrogen Oxides : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 7E, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]

EQUI 19 Boiler No. 1	58	Sulfur Dioxide : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 6C, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	59	Hydrochloric acid : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 26, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	60	Volatile Organic Compounds : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure VOC emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 25A, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	61	HAPs : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for glycerin combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 18, or other method approved by MPCA in the performance test plan approval. [Minn. R. 7017.2020, subp. 1]

EQUI 19 Boiler No. 1	62	Total Particulate Matter : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 5 and 202, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	63	PM < 10 micron : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	64	PM < 2.5 micron : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]

EQUI 19 Boiler No. 1	65	Opacity : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 9, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	66	Carbon Monoxide : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 10, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	67	Nitrogen Oxides : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 7E, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	68	Sulfur Dioxide : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 6C, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]

EQUI 19 Boiler No. 1	69	Hydrochloric acid : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 26, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	70	Volatile Organic Compounds : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 25A, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	71	HAPs : The Permittee shall conduct an initial performance test : Due 30 calendar days after Startup Date for refined animal fat/vegetable oil (RAFVO) combustion to measure emissions. The performance test shall be conducted at worst case conditions as defined at Minn. R. 7017.2005, subp. 8, using EPA Reference Method 18, or other method approved by MPCA in the performance test plan approval. This requirement applies to each type of RAFVO (e.g., tallow, yellow grease) individually. [Minn. R. 7017.2020, subp. 1]
EQUI 19 Boiler No. 1	72	40 CFR pt. 63, subp. JJJJJ is an Applicable Requirement under Minn. R. 7007.0100, subp. 7(D); however, this standard is not delegated to MPCA. [Minn. R. 7007.0100, subp. 7(D)]

EQUI 19 Boiler No. 1	73	Monthly Recordkeeping and Calculation - HAP Emissions: After the Permittee conducts any initial test for glycerin and/or refined animal fats/vegetable oil (RAFVO), the Permittee shall maintain records and calculate the individual HAP and total HAP emissions by the 15th day of each month for the previous month using a 12-month rolling sum. Calculations shall be performed using MPCA approved emission factors as determined by performance test. [Minn. R. 7007.0800, subps. 4-5]
EQUI 19 Boiler No. 1	74	The Permittee shall submit a notification of the date of equipment removal/dismantlement : Due 15 calendar days after Equipment Removal and/or Dismantlement Date of Boiler No. 1 (EQUI 19). [Minn. R. 7007.0800, subp. 2]
EQUI 20 Protein Recovery Facility (PRF)	1	PM < 10 micron <= 1.0 pounds per hour 3-hour average. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
EQUI 20 Protein Recovery Facility (PRF)	2	The Permittee shall vent emissions from EQUI 20 to TREA 27 at all times EQUI 20 is in operation to meet applicable PM, PM10, and PM2.5 limits. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
EQUI 20 Protein Recovery Facility (PRF)	3	PM < 2.5 micron <= 0.97 pounds per hour 3-hour average. [Minn. R. 7007.0100, subp. 7(A) and 7(M), Minn. R. 7007.0800, subp. 1-2, Minn. R. 7007.0800, subp. 4, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]

EQUI 20 Protein Recovery Facility (PRF)	4	Total Particulate Matter <= 0.30 grains per dry standard cubic foot 3-hour rolling average of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735. The facility has showed compliance based on air dispersion modeling. [Minn. R. 7011.0715, subp. 1(A)]
EQUI 20 Protein Recovery Facility (PRF)	5	Opacity <= 20 percent opacity. [Minn. R. 7011.0715, subp. 1(B)]
EQUI 21 Blood Pneumatic Conveying System	1	PM < 10 micron <= 0.0050 pounds per hour 3-hour average. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
EQUI 21 Blood Pneumatic Conveying System	2	PM < 2.5 micron <= 0.0050 pounds per hour 3-hour average. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
EQUI 21 Blood Pneumatic Conveying System	3	The Permittee shall vent emissions from EQUI 21 to TREA 31 or TREA 34 at all times EQUI 21 is in operation to meet applicable PM, PM10 and PM2.5 limits. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
EQUI 21 Blood Pneumatic Conveying System	4	Total Particulate Matter <= 0.30 grains per dry standard cubic foot 3-hour rolling average of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735. The facility has showed compliance based on air dispersion modeling. [Minn. R. 7011.0715, subp. 1(A)]

EQUI 21 Blood Pneumatic Conveying System	5	Opacity <= 20 percent opacity. [Minn. R. 7011.0715, subp. 1(B)]
EQUI 66 PPF Cooking	1	PM < 10 micron <= 1.4 pounds per hour 3-hour average. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
EQUI 66 PPF Cooking	2	PM < 2.5 micron <= 0.77 pounds per hour 3-hour average. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
EQUI 66 PPF Cooking	3	The Permittee shall vent emissions from EQUI 66 to TREA 30 at all times EQUI 66 is in operation to meet applicable PM, PM10 and PM2.5 limits. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
EQUI 66 PPF Cooking	4	Total Particulate Matter <= 0.30 grains per dry standard cubic foot 3-hour rolling average of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735. The entire facility has demonstrated compliance with the ambient air quality standards based on computer dispersion modeling. [Minn. R. 7011.0715, subp. 1(A)]
EQUI 66 PPF Cooking	5	Opacity <= 20 percent opacity. [Minn. R. 7011.0715, subp. 1(B)]

TREA 26 Venturi Scrubber	1	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for Total Particulate Matter ≥ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 26 Venturi Scrubber	2	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 10 micron ≥ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 26 Venturi Scrubber	3	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 2.5 micron ≥ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 26 Venturi Scrubber	4	Pressure Drop ≥ 3.5 and ≤ 7.0 inches of water column across TREA 26. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Minn. R. 7017.2025, subp. 3, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 26 Venturi Scrubber	5	The Permittee shall vent emissions from EQUI 4 to TREA 26 whenever EQUI 4 operates, and operate and maintain TREA 26 at all times that any emissions are vented to TREA 26. The Permittee shall document periods of non-operation of the control equipment. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 26 Venturi Scrubber	6	The Permittee shall read and record the pressure drop and liquid flow rate across TREA 26, once each day of operation. [Minn. R. 7007.0800, subps. 4-5, Minn. R. 7011.0080, Title I Condition: 40 CFR 52.21(d), Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 26 Venturi Scrubber	7	Recordkeeping of Pressure Drop and Liquid Flow Rate: The Permittee shall record the time and date of each pressure drop reading and liquid flow rate reading, whether or not any visible emissions were observed, and whether or not the observed value was within the range specified in this permit. Recorded values outside any range specified in this permit are considered Deviations as defined by Minn. R. 7007.0100, subp. 8a. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 26 Venturi Scrubber	8	Liquid Flow Rate $\geq$ 48 gallons per minute through TREA 26. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 4(B)]

TREA 26 Venturi Scrubber	9	The Permittee shall operate and maintain the scrubber in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff. [Minn. R. 7007.0800, subp. 14]
TREA 26 Venturi Scrubber	10	Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - visible emissions are observed; or - the recorded liquid flow rate is outside the required operating range; or - the recorded pressure drop is outside the required operating range; or - the scrubber or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop and/or water flow rate to within the permitted range, and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O & M Plan for the scrubber. The Permittee shall keep a record of the type and date of any corrective action taken for the filter. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 26 Venturi Scrubber	11	Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect the control equipment components. The Permittee shall maintain a written record of these inspections. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 27 Venturi Scrubber	1	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for Total Particulate Matter $\geq$ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 27 Venturi Scrubber	2	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 10 micron $\geq$ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 27 Venturi Scrubber	3	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 2.5 micron $\geq$ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 27 Venturi Scrubber	4	Pressure Drop $\geq$ 3.5 and $\leq$ 7.0 inches of water column across TREA 27. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Minn. R. 7017.2025, subp. 3, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 27 Venturi Scrubber	5	The Permittee shall vent emissions from EQUI 20 to TREA 27 whenever EQUI 20 operates, and operate and maintain TREA 27 at all times that any emissions are vented to TREA 27. The Permittee shall document periods of non-operation of the control equipment. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 27 Venturi Scrubber	6	The Permittee shall read and record the pressure drop and liquid flow rate across TREA 27, once each day of operation. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 27 Venturi Scrubber	7	Recordkeeping of Pressure Drop and Liquid Flow Rate: The Permittee shall record the time and date of each pressure drop reading and liquid flow rate reading, whether or not any visible emissions were observed, and whether or not the observed value was within the range specified in this permit. Recorded values outside any range specified in this permit are considered Deviations as defined by Minn. R. 7007.0100, subp. 8a. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200.3]
TREA 27 Venturi Scrubber	8	Liquid Flow Rate $\geq$ 16 gallons per minute through TREA 27. [Minn. R. 7007.0800, 4(B)]
TREA 27 Venturi Scrubber	9	The Permittee shall operate and maintain the scrubber in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff. [Minn. R. 7007.0800, subp. 14]

TREA 27 Venturi Scrubber	10	Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - visible emissions are observed; or - the recorded liquid flow rate is outside the required operating range; or - the recorded pressure drop is outside the required operating range; or - the scrubber or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop and/or water flow rate to within the permitted range, and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O & M Plan for the scrubber. The Permittee shall keep a record of the type and date of any corrective action taken for the filter. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 27 Venturi Scrubber	11	Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect the control equipment components. The Permittee shall maintain a written record of these inspections. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 28 Venturi Scrubber	1	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for Total Particulate Matter ≥ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 28 Venturi Scrubber	2	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 10 micron ≥ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 28 Venturi Scrubber	3	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 2.5 micron $\geq$ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 28 Venturi Scrubber	4	Pressure Drop $\geq$ 3.5 and $\leq$ 7.0 inches of water across TREA 28. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 28 Venturi Scrubber	5	The Permittee shall vent emissions from EQUI 16 and EQUI 17 to TREA 28 whenever EQUI 16 and/or EQUI 17 operates, and operate and maintain TREA 28 at all times that any emissions are vented to TREA 28. The Permittee shall document periods of non-operation of the control equipment. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 28 Venturi Scrubber	6	The Permittee shall read and record the pressure drop and liquid flow rate across TREA 28, once each day of operation. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 28 Venturi Scrubber	7	Recordkeeping of Pressure Drop and Liquid Flow Rate: The Permittee shall record the time and date of each pressure drop reading and liquid flow rate reading, whether or not any visible emissions were observed, and whether or not the observed value was within the range specified in this permit. Recorded values outside any range specified in this permit are considered Deviations as defined by Minn. R. 7007.0100, subp. 8a. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 28 Venturi Scrubber	8	Visible Emissions: The Permittee shall check the Scrubber stack (STRU 24) for any visible emissions once each day of operation during daylight hours. The Permittee shall read and record the pressure drop and liquid flow rate across TREA 28, once each day of operation. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 28 Venturi Scrubber	9	Liquid Flow Rate $\geq$ 65 gallons per minute through TREA 28. [Minn. R. 7007.0800, 4(B)]
TREA 28 Venturi Scrubber	10	The Permittee shall operate and maintain the scrubber in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff. [Minn. R. 7007.0800, subp. 14]

TREA 28 Venturi Scrubber	11	Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - visible emissions are observed; or - the recorded water flow rate is outside the required operating range; or - the recorded pressure drop is outside the required operating range; or - the scrubber or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop and/or water flow rate to within the permitted range, and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O & M Plan for the scrubber. The Permittee shall keep a record of the type and date of any corrective action taken for the filter. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 28 Venturi Scrubber	12	Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect the control equipment components. The Permittee shall maintain a written record of these inspections. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 29 Particulate Capture Unit	1	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for Total Particulate Matter ≥ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 29 Particulate Capture Unit	2	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 10 micron ≥ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 29 Particulate Capture Unit	3	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 2.5 micron >= 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 29 Particulate Capture Unit	4	The Permittee shall vent emissions from EQUI 3 to TREA 29 whenever EQUI 3 operates, and operate and maintain TREA 29 at all times that any emissions are vented to TREA 29. The Permittee shall document periods of non-operation of the control equipment. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 29 Particulate Capture Unit	5	Visible Emissions and Broken Bag Detector: The Permittee shall check TREA 29's stack (STRU 24) for any visible emissions and its broken bag detector once each day of operation during daylight hours. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 29 Particulate Capture Unit	6	The Permittee shall operate and maintain the fabric filter in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff. [Minn. R. 7007.0800, subp. 14]

TREA 29 Particulate Capture Unit	7	Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - visible emissions are observed; - the broken bag detector indicates that a part on TREA 29 requires replacement; or, - the fabric filter or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop to within the permitted range, eliminate visible emissions, and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O & M Plan for the fabric filter. The Permittee shall keep a record of the type and date of any corrective action taken for each filter. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 29 Particulate Capture Unit	8	Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect the control equipment components. The Permittee shall maintain a written record of these inspections. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 29 Particulate Capture Unit	9	Recordkeeping of Visible Emissions and Broken Bag Detector: The Permittee shall record the time and date of each visible emission inspection and broken bag detector reading, and whether or not any visible emissions were observed, and whether or not the broken bag detector indicated that a part on TREA 29 required repair or replacement. [Minn. R. 7007.0800, subp. 5]
TREA 30 PPF Venturi Scrubber	1	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for Total Particulate Matter $\geq$ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]

TREA 30 PPF Venturi Scrubber	2	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 10 micron $\geq$ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
TREA 30 PPF Venturi Scrubber	3	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 2.5 micron $\geq$ 90 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
TREA 30 PPF Venturi Scrubber	4	The Permittee shall vent emissions from EQUI 8, EQUI 9, and EQUI 66 to TREA 30 whenever EQUI 8, EQUI 9, and/or EQUI 66 operates, and operate and maintain TREA 30 at all times that any emissions are vented to TREA 30. The Permittee shall document periods of non-operation of the control equipment. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 30 PPF Venturi Scrubber	5	Pressure Drop $\geq$ 2.0 and $\leq$ 9.0 inches of water column across TREA 30. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Minn. R. 7017.2025, subp. 3, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
TREA 30 PPF Venturi Scrubber	6	Liquid Flow Rate $\geq$ 60 gallons per minute across TREA 30. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]

TREA 30 PPF Venturi Scrubber	7	The Permittee shall read and record the pressure drop and liquid flow rate across TREA 30, once each day of operation. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
TREA 30 PPF Venturi Scrubber	8	Recordkeeping of Pressure Drop and Liquid Flow Rate: The Permittee shall record the time and date of each pressure drop reading and liquid flow rate reading, whether or not any visible emissions were observed, and whether or not the observed value was within the range specified in this permit. Recorded values outside any range specified in this permit are considered Deviations as defined by Minn. R. 7007.0100, subp. 8a. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000]
TREA 30 PPF Venturi Scrubber	9	The Permittee shall operate and maintain the scrubber in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff. [Minn. R. 7007.0800, subp. 14]
TREA 30 PPF Venturi Scrubber	10	Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - visible emissions are observed; or - the recorded water flow rate is outside the required operating range; or - the recorded pressure drop is outside the required operating range; or - the scrubber or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop and/or water flow rate to within the permitted range, and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O & M Plan for the scrubber. The Permittee shall keep a record of the type and date of any corrective action taken for the filter. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]

TREA 30 PPF Venturi Scrubber	11	Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect the control equipment components. The Permittee shall maintain a written record of these inspections. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 31 BS Bin C & E Fabric Filter (LT)	1	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for Total Particulate Matter ≥ 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 31 BS Bin C & E Fabric Filter (LT)	2	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 10 micron ≥ 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 31 BS Bin C & E Fabric Filter (LT)	3	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 2.5 micron ≥ 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 31 BS Bin C & E Fabric Filter (LT)	4	The Permittee shall vent emissions from EQUI 21 to TREA 31 whenever EQUI 21 operates, and operate and maintain TREA 31 at all times that any emissions are vented to TREA 31. The Permittee shall document periods of non-operation of the control equipment. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 31 BS Bin C & E Fabric Filter (LT)	5	Broken Bag Detector: The Permittee shall continue to operate a broken bag detector on TREA 31. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 31 BS Bin C & E Fabric Filter (LT)	6	Visible Emissions and Broken Bag Detector: The Permittee shall check TREA 31's stack (STRU 19) for any visible emissions and TREA 31's broken bag detector once each day of operation during daylight hours. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 31 BS Bin C & E Fabric Filter (LT)	7	The Permittee shall operate and maintain the fabric filter in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff. [Minn. R. 7007.0800, subp. 14]

TREA 31 BS Bin C & E Fabric Filter (LT)	8	Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - visible emissions are observed; - broken bag detector indicates that a filter (or filters) require(s) replacement; or, - the fabric filter or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop to within the permitted range, eliminate visible emissions, and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O & M Plan for the fabric filter. The Permittee shall keep a record of the type and date of any corrective action taken for each filter. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 31 BS Bin C & E Fabric Filter (LT)	9	Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect the control equipment components. The Permittee shall maintain a written record of these inspections. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 31 BS Bin C & E Fabric Filter (LT)	10	Recordkeeping of Visible Emissions and Broken Bag Detector: The Permittee shall record the time and date of each visible emission inspection and broken bag detector reading, and whether or not any visible emissions were observed, and whether or not the broken bag detector indicated that a filter (or filters) required replacement. [Minn. R. 7007.0800, subp. 5]
TREA 32 Protein Silo No. 1 Fabric Filter (LT)	1	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for Total Particulate Matter ≥ 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 32 Protein Silo No. 1 Fabric Filter (LT)	2	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 10 micron >= 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 32 Protein Silo No. 1 Fabric Filter (LT)	3	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 2.5 micron >= 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 32 Protein Silo No. 1 Fabric Filter (LT)	4	The Permittee shall vent emissions from EQUI 1 to TREA 32 whenever EQUI 1 operates, and operate and maintain TREA 32 at all times that any emissions are vented to TREA 32. The Permittee shall document periods of non-operation of the control equipment. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 32 Protein Silo No. 1 Fabric Filter (LT)	5	Broken Bag Detector: The Permittee shall continue to operate the broken bag detector on TREA 32. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 32 Protein Silo No. 1 Fabric Filter (LT)	6	Visible Emissions and Broken Bag Detector: The Permittee shall check TREA 32's stack (STRU 26) for any visible emissions and TREA 32's broken bag detector once each day of operation during daylight hours. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 32 Protein Silo No. 1 Fabric Filter (LT)	7	The Permittee shall operate and maintain the fabric filter in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff. [Minn. R. 7007.0800, subp. 14]
TREA 32 Protein Silo No. 1 Fabric Filter (LT)	8	Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - visible emissions are observed; - broken bag detector indicates that a filter (or filters) require(s) replacement; or, - the fabric filter or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop to within the permitted range, eliminate visible emissions, and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O & M Plan for the fabric filter. The Permittee shall keep a record of the type and date of any corrective action taken for each filter. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 32 Protein Silo No. 1 Fabric Filter (LT)	9	Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect the control equipment components. The Permittee shall maintain a written record of these inspections. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]

TREA 32 Protein Silo No. 1 Fabric Filter (LT)	10	Recordkeeping of Visible Emissions and Broken Bag Detector: The Permittee shall record the time and date of each visible emission inspection and broken bag detector reading, and whether or not any visible emissions were observed, and whether or not the broken bag detector indicated that a filter (or filters) required replacement. [Minn. R. 7007.0800, subp. 5]
TREA 33 Protein Silo No. 2 Fabric Filter (LT)	1	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for Total Particulate Matter ≥ 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 33 Protein Silo No. 2 Fabric Filter (LT)	2	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 10 micron ≥ 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 33 Protein Silo No. 2 Fabric Filter (LT)	3	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 2.5 micron ≥ 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 33 Protein Silo No. 2 Fabric Filter (LT)	4	The Permittee shall vent emissions from EQUI 2 to TREA 33 whenever EQUI 2 operates, and operate and maintain TREA 33 at all times that any emissions are vented to TREA 33. The Permittee shall document periods of non-operation of the control equipment. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 33 Protein Silo No. 2 Fabric Filter (LT)	5	Broken Bag Detector: The Permittee shall continue to operate the broken bag detector on TREA 33. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 33 Protein Silo No. 2 Fabric Filter (LT)	6	Visible Emissions and Broken Bag Detector: The Permittee shall check TREA 33's stack (STRU 27) for any visible emissions and TREA 33's broken bag detector once each day of operation during daylight hours. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 33 Protein Silo No. 2 Fabric Filter (LT)	7	The Permittee shall operate and maintain the fabric filter in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff. [Minn. R. 7007.0800, subp. 14]

TREA 33 Protein Silo No. 2 Fabric Filter (LT)	8	Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - visible emissions are observed; - broken bag detector indicates that a filter (or filters) require(s) replacement; or, - the fabric filter or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop to within the permitted range, eliminate visible emissions, and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O & M Plan for the fabric filter. The Permittee shall keep a record of the type and date of any corrective action taken for each filter. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 33 Protein Silo No. 2 Fabric Filter (LT)	9	Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect the control equipment components. The Permittee shall maintain a written record of these inspections. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subp. 5]
TREA 33 Protein Silo No. 2 Fabric Filter (LT)	10	Recordkeeping of Visible Emissions and Broken Bag Detector: The Permittee shall record the time and date of each visible emission inspection and broken bag detector reading, and whether or not any visible emissions were observed, and whether or not the broken bag detector indicated that a filter (or filters) required replacement. [Minn. R. 7007.0800, subp. 5]
TREA 34 BS Bin 9 & 10 Fabric Filter (LT)	1	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for Total Particulate Matter ≥ 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 34 BS Bin 9 & 10 Fabric Filter (LT)	2	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 10 micron >= 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 34 BS Bin 9 & 10 Fabric Filter (LT)	3	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 2.5 micron >= 99 percent control efficiency. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 34 BS Bin 9 & 10 Fabric Filter (LT)	4	The Permittee shall vent emissions from EQUI 21 to TREA 34 whenever EQUI 21 operates, and operate and maintain TREA 34 at all times that any emissions are vented to TREA 34. The Permittee shall document periods of non-operation of the control equipment. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 34 BS Bin 9 & 10 Fabric Filter (LT)	5	Broken Bag Detector: The Permittee shall continue to operate the broken bag detector on TREA 34. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 34 BS Bin 9 & 10 Fabric Filter (LT)	6	Visible Emissions and Broken Bag Detector: The Permittee shall check the TREA 34's stack (STRU 19) for any visible emissions and TREA 34's broken bag detector once each day of operation during daylight hours. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 34 BS Bin 9 & 10 Fabric Filter (LT)	7	The Permittee shall operate and maintain the fabric filter in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff. [Minn. R. 7007.0800, subp. 14]
TREA 34 BS Bin 9 & 10 Fabric Filter (LT)	8	Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - visible emissions are observed; - broken bag detector indicated that a filter (or filters) require(s) replacement; or - the fabric filter or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop to within the permitted range, eliminate visible emissions, and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O & M Plan for the fabric filter. The Permittee shall keep a record of the type and date of any corrective action taken for each filter. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 34 BS Bin 9 & 10 Fabric Filter (LT)	9	Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect the control equipment components. The Permittee shall maintain a written record of these inspections. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]

TREA 34 BS Bin 9 & 10 Fabric Filter (LT)	10	Recordkeeping of Visible Emissions and Broken Bag Detector: The Permittee shall record the time and date of each visible emission inspection and broken bag detector reading, and whether or not any visible emissions were observed, and whether or not the broken bag detector indicated that a filter (or filters) required replacement. [Minn. R. 7007.0800, subp. 5]
TREA 35 Feather System Fabric Filter (LT)	1	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for Total Particulate Matter ≥ 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 35 Feather System Fabric Filter (LT)	2	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 10 micron ≥ 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 35 Feather System Fabric Filter (LT)	3	The Permittee shall operate and maintain control equipment such that it achieves a control efficiency for PM < 2.5 micron ≥ 99 percent control efficiency. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]

TREA 35 Feather System Fabric Filter (LT)	4	The Permittee shall vent emissions from EQUI 18 to TREA 35 whenever EQUI 18 operates, and operate and maintain TREA 35 at all times that any emissions are vented to TREA 35. The Permittee shall document periods of non-operation of the control equipment. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 2, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 35 Feather System Fabric Filter (LT)	5	Broken Bag Detector: The Permittee shall continue to operate a broken bag detector on TREA 35. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) and Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) and Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 35 Feather System Fabric Filter (LT)	6	Visible Emissions and Broken Bag Detector: The Permittee shall check TREA 35's stack (STRU 20) for any visible emissions and its broken bag detector once each day of operation during daylight hours. [Minn. R. 7007.0800, subp. 4(B)]
TREA 35 Feather System Fabric Filter (LT)	7	The Permittee shall operate and maintain the fabric filter in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff. [Minn. R. 7007.0800, subp. 14]

TREA 35 Feather System Fabric Filter (LT)	8	Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - visible emissions are observed; - the broken bag detector indicates that a filter (or filters) require(s) replacement; or, - the fabric filter or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop to within the permitted range, eliminate visible emissions, and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O & M Plan for the fabric filter. The Permittee shall keep a record of the type and date of any corrective action taken for each filter. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 35 Feather System Fabric Filter (LT)	9	Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect the control equipment components. The Permittee shall maintain a written record of these inspections. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subps. 4-5]
TREA 35 Feather System Fabric Filter (LT)	10	Recordkeeping of Visible Emissions and Broken Bag Detector: The Permittee shall record the time and date of each visible emission inspection and broken bag detector reading, and whether or not any visible emissions were observed, and whether or not the broken bag detector indicated that a filter (or filters) required replacement. [Minn. R. 7007.0800, subp. 5]
TFAC 1 Sanimax USA LLC	1	The Permittee shall comply with National Primary and Secondary Ambient Air Quality Standards, 40 CFR pt. 50, and the Minnesota Ambient Air Quality Standards, Minn. R. 7009.0010 to 7009.0080. Compliance shall be demonstrated upon written request by the MPCA. [40 CFR pt. 50, Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]

TFAC 1 Sanimax USA LLC	2	Permit Appendices: This permit contains appendices as listed in the permit Table of Contents. The Permittee shall comply with all requirements contained in Appendix A, "Insignificant Activities." Modeling parameters in Appendix B, "Modeled Parameters Relied Upon for PM10 and PM2.5 National Ambient Air Quality Standards (for Air Emission Permit No. 03700070-006)" and in Appendix C, "Modeled Parameters Relied Upon for PM2.5 National Ambient Air Quality Standards (for Air Emission Permit No. 03700070-007)" are included for reference only. Compliance with these parameters is achieved through meeting the requirements located in Permit No. 03700070-007. [Minn. R. 7007.0800, subp. 2]
TFAC 1 Sanimax USA LLC	3	This permit requires modeling to demonstrate compliance with the National Ambient Air Quality Standards (NAAQS). The Permittee may not make any change at the source that would result in an increase in PM10 and/or PM2.5 emissions until it can be demonstrated that emissions from the facility as permitted do not cause an exceedance of the NAAQS. This includes changes that might otherwise qualify as insignificant modifications and minor or moderate amendments. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-7009.0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]
TFAC 1 Sanimax USA LLC	4	Modeled Parameters for PM10 and PM2.5: The parameters used in PM10 and PM 2.5 modeling for permit number 03700070-006 are listed in Appendix B of this permit. The parameters describe the operation of the facility at maximum permitted capacity. The purpose of listing the parameters in the appendices is to provide a benchmark for future changes. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]

TFAC 1 Sanimax USA LLC	5	Modeled Parameters for PM2.5: The parameters used in PM2.5 modeling for permit number 03700070-007 are listed in Appendix C of this permit. The parameters describe the operation of the facility at maximum permitted capacity. The purpose of listing the parameters in the appendix is to provide a benchmark for future changes. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]
TFAC 1 Sanimax USA LLC	6	EBD Modeling Triggers (Modeling Required) for PM2.5: Changes that require, or would require, a minor, moderate, or major permit amendment due to an increase in PM2.5 emissions and affect any modeled PM2.5 parameter or emission rate listed in Appendix C or an addition to the information documented in Appendix C, trigger the EBD Remodeling Submittal requirement. The Permittee shall include previously made changes to modeled PM2.5 parameters and emission rates listed in Appendix B that did not previously trigger the EBD Modeling Submittal requirement with this modeling submittal. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]

TFAC 1 Sanimax USA LLC	7	EBD Modeling Submittal for PM2.5: For changes meeting the criteria in the EBD Modeling Triggers (Modeling Required) requirement, the Permittee shall submit an EBD modeling submittal in accordance with the current version of the MPCA Air Dispersion Modeling Guidance and shall wait for written approval (for major amendments, in the form of an issued permit amendment; for moderate amendments, in the form of a construction authorization letter) before making such changes. For minor amendments, written approval of the EBD modeling may be given before permit issuance; however, this approval applies only to the EBD modeling and not to any other changes. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]
TFAC 1 Sanimax USA LLC	8	EBD Modeling Submittal Content for PM2.5: The information submitted must include, for stack and vent sources, source emission rate, location, height, diameters, exit velocity, exit temperature, discharge direction, use of rain caps or rain hats, and, if applicable, locations and dimensions of nearby buildings. For non-stack/vent sources, this includes the source emission rate, location, size and shape, release height, and, if applicable, any emission rate scalars, and the initial lateral dimensions and initial vertical dimensions and adjacent building heights. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]

TFAC 1 Sanimax USA LLC	9	Outdated EBD Baseline Modeling for PM2.5: Prior to conducting the EBD analysis, the Permittee shall use the current version of the MPCA Air Dispersion Modeling Guidance to determine if the Baseline Modeling (the most recent refined modeling demonstration) is outdated. If the Baseline Modeling is outdated, the Permittee shall update the Baseline Modeling to be consistent with the current version of the MPCA Air Dispersion Modeling Guidance. The updated modeling will become the new Baseline Modeling. This requirement does not require the Permittee to complete a new refined modeling demonstration using the revisions made for the EBD demonstration. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]
TFAC 1 Sanimax USA LLC	10	EBD Modeling Results for PM2.5: The dispersion characteristics due to the revisions of the information in Appendix C must be equivalent to or better than the dispersion characteristics modeled November 2, 2010. The Permittee shall demonstrate this equivalency in the proposal. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 4, Minn. R. 7007.0800, subps. 1-2, Minn. R. 7009.0010-0080, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]
TFAC 1 Sanimax USA LLC	11	Computer Dispersion Modeling Triggers for PM2.5: The Permittee shall conduct a refined remodeling analysis in accordance with the Computer Dispersion Modeling requirements of this permit and the current version of the MPCA Air Dispersion Modeling Guidance if: (1) the results of the EBD modeling analysis do not demonstrate equivalent or better dispersion characteristics; (2) a conclusion cannot readily be made about the dispersion, or (3) the criteria in the EBD Modeling Triggers requirement are met and the Permittee has previously conducted three successive EBD analyses using the same Baseline Modeling. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 2, Minn. R. 7009.0020, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]

TFAC 1 Sanimax USA LLC	12	Computer Dispersion Modeling Protocol: due 180 days after receipt of written MPCA request for PM2.5 refined modeling. The Permittee shall submit a Computer Dispersion Modeling Protocol that is complete and approvable by MPCA by the deadline in this requirement. This protocol will describe the proposed modeling methodology and input data, in accordance with the current version of the MPCA Air Dispersion Modeling Guidance. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 2, Minn. R. 7009.0020, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]
TFAC 1 Sanimax USA LLC	13	Computer Dispersion Modeling Protocol: due 60 days after receipt of written MPCA request for revisions to the submitted protocol for PM2.5 modeling. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 2, Minn. R. 7009.0020, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]
TFAC 1 Sanimax USA LLC	14	Computer Dispersion Modeling Results: due 180 days after receipt of written MPCA approval of Computer Dispersion Modeling Protocol for PM2.5. The Permittee shall submit a final Computer Dispersion Modeling Report that is complete and approvable by MPCA by the deadline in this requirement. The submittal shall adhere to the current version of the MPCA Air Dispersion Modeling Guidance and the approved Computer Dispersion Modeling Protocol. [Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M), Minn. R. 7007.0800, subp. 2, Minn. R. 7009.0020, Minn. Stat. 116.07, subd. 4a, Minn. Stat. 116.07, subd. 9]
TFAC 1 Sanimax USA LLC	15	The Permittee shall operate and maintain all pollution control equipment in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff. [Minn. R. 7007.0800, subp. 14]

TFAC 1 Sanimax USA LLC	16	PERMIT SHIELD: Subject to the limitations in Minn. R. 7007.1800, compliance with the conditions of this permit shall be deemed compliance with the specific provision of the applicable requirement identified in the permit as the basis of each condition. Subject to the limitations of Minn. R. 7007.1800 and 7017.0100, subp. 2, notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements. This permit shall not alter or affect the liability of the Permittee for any violation of applicable requirements prior to or at the time of permit issuance. [Minn. R. 7007.1800, (A)(2)]
TFAC 1 Sanimax USA LLC	17	Circumvention: Do not install or use a device or means that conceals or dilutes emissions, which would otherwise violate a federal or state air pollution control rule, without reducing the total amount of pollutant emitted. [Minn. R. 7011.0020]
TFAC 1 Sanimax USA LLC	18	Air Pollution Control Equipment: Operate all pollution control equipment whenever the corresponding process equipment and emission units are operated. [Minn. R. 7007.0800, subp. 16(J), Minn. R. 7007.0800, subp. 2]
TFAC 1 Sanimax USA LLC	19	Operation and Maintenance Plan: Retain at the stationary source an operation and maintenance plan for all air pollution control equipment. At a minimum, the O & M plan shall identify all air pollution control equipment and control practices and shall include a preventative maintenance program for the equipment and practices, a description of (the minimum but not necessarily the only) corrective actions to be taken to restore the equipment and practices to proper operation to meet applicable permit conditions, a description of the employee training program for proper operation and maintenance of the control equipment and practices, and the records kept to demonstrate plan implementation. [Minn. R. 7007.0800, subp. 14, Minn. R. 7007.0800, subp. 16(J)]

TFAC 1 Sanimax USA LLC	20	Operation Changes: In any shutdown, breakdown, or deviation the Permittee shall immediately take all practical steps to modify operations to reduce the emission of any regulated air pollutant. The Commissioner may require feasible and practical modifications in the operation to reduce emissions of air pollutants. No emissions units that have an unreasonable shutdown or breakdown frequency of process or control equipment shall be permitted to operate. [Minn. R. 7019.1000, subp. 4]
TFAC 1 Sanimax USA LLC	21	Fugitive Emissions: Do not cause or permit the handling, use, transporting, or storage of any material in a manner which may allow avoidable amounts of particulate matter to become airborne. Comply with all other requirements listed in Minn. R. 7011.0150. [Minn. R. 7011.0150]
TFAC 1 Sanimax USA LLC	22	Noise: The Permittee shall comply with the noise standards set forth in Minn. R. 7030.0010 to 7030.0080 at all times during the operation of any emission units. This is a state only requirement and is not enforceable by the EPA Administrator or citizens under the Clean Air Act. [Minn. R. 7030.0010-7030.0080]
TFAC 1 Sanimax USA LLC	23	Inspections: The Permittee shall comply with the inspection procedures and requirements as found in Minn. R. 7007.0800, subp. 9(A). [Minn. R. 7007.0800, subp. 9(A)]
TFAC 1 Sanimax USA LLC	24	The Permittee shall comply with the General Conditions listed in Minn. R. 7007.0800, subp. 16. [Minn. R. 7007.0800, subp. 16]
TFAC 1 Sanimax USA LLC	25	Performance Testing: Conduct all performance tests in accordance with Minn. R. ch. 7017 unless otherwise noted in in this permit. [Minn. R. ch. 7017]

TFAC 1 Sanimax USA LLC	26	Performance Test Notifications and Submittals: Performance Tests are due as outlined in this permit. Performance Test Notification (written): due 30 days before each Performance Test Performance Test Plan: due 30 days before each Performance Test Performance Test Pre-test Meeting: due 7 days before each Performance Test Performance Test Report: due 45 days after each Performance Test Performance Test Report - Microfiche Copy: due 105 days after each Performance Test The Notification, Test Plan, and Test Report may be submitted in an alternative format as allowed by Minn. R. 7017.2018. [Minn. R. 7017.2018, Minn. R. 7017.2030, subps. 1-4, Minn. R. 7017.2035, subps. 1-2]
TFAC 1 Sanimax USA LLC	27	Limits set as a result of a performance test (conducted before or after permit issuance) apply until superseded as stated in the MPCA's Notice of Compliance letter granting preliminary approval. Preliminary approval is based on formal review of a subsequent performance test on the same unit as specified by Minn. R. 7017.2025, subp. 3. The limit is final upon issuance of a permit amendment incorporating the change. [Minn. R. 7017.2025, subp. 3]
TFAC 1 Sanimax USA LLC	28	Monitoring Equipment Calibration - The Permittee shall either: 1. Calibrate or replace required monitoring equipment every 12 months; or 2. Calibrate at the frequency stated in the manufacturer's specifications. For each monitor, the Permittee shall maintain a record of all calibrations, including the date conducted, and any corrective action that resulted. The Permittee shall include the calibration frequencies, procedures, and manufacturer's specifications (if applicable) in the Operations and Maintenance Plan. Any requirements applying to continuous emission monitors are listed separately in this permit. [Minn. R. 7007.0800, subp. 4(D)]

TFAC 1 Sanimax USA LLC	29	Operation of Monitoring Equipment: Unless noted elsewhere in this permit, monitoring a process or control equipment connected to that process is not necessary during periods when the process is shutdown, or during checks of the monitoring systems, such as calibration checks and zero and span adjustments. If monitoring records are required, they should reflect any such periods of process shutdown or checks of the monitoring system. [Minn. R. 7007.0800, subp. 4(D)]
TFAC 1 Sanimax USA LLC	30	Recordkeeping: Retain all records at the stationary source, unless otherwise specified within this permit, for a period of five (5) years from the date of monitoring, sample, measurement, or report. Records which must be retained at this location include all calibration and maintenance records, all original recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Records must conform to the requirements listed in Minn. R. 7007.0800, subp. 5(A). [Minn. R. 7007.0800, subp. 5(C)]
TFAC 1 Sanimax USA LLC	31	Recordkeeping: Maintain records describing any insignificant modifications (as required by Minn. R. 7007.1250, subp. 3) or changes contravening permit terms (as required by Minn. R. 7007.1350, subp. 2), including records of the emissions resulting from those changes. [Minn. R. 7007.0800, subp. 5(B)]
TFAC 1 Sanimax USA LLC	32	If the Permittee determines that no permit amendment or notification is required prior to making a change, the Permittee must retain records of all calculations required under Minn. R. 7007.1200. For non-expiring permits, these records shall be kept for a period of five years from the date that the change was made. The records shall be kept at the stationary source for the current calendar year of operation and may be kept at the stationary source or office of the stationary source for all other years. The records may be maintained in either electronic or paper format. [Minn. R. 7007.1200, subp. 4]

TFAC 1 Sanimax USA LLC	33	Shutdown Notifications: Notify the Commissioner at least 24 hours in advance of a planned shutdown of any control equipment or process equipment if the shutdown would cause any increase in the emissions of any regulated air pollutant. If the owner or operator does not have advance knowledge of the shutdown, notification shall be made to the Commissioner as soon as possible after the shutdown. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 3. At the time of notification, the owner or operator shall inform the Commissioner of the cause of the shutdown and the estimated duration. The owner or operator shall notify the Commissioner when the shutdown is over. [Minn. R. 7019.1000, subp. 3]
TFAC 1 Sanimax USA LLC	34	Breakdown Notifications: Notify the Commissioner within 24 hours of a breakdown of more than one hour duration of any control equipment or process equipment if the breakdown causes any increase in the emissions of any regulated air pollutant. The 24-hour time period starts when the breakdown was discovered or reasonably should have been discovered by the owner or operator. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 2. At the time of notification or as soon as possible thereafter, the owner or operator shall inform the Commissioner of the cause of the breakdown and the estimated duration. The owner or operator shall notify the Commissioner when the breakdown is over. [Minn. R. 7019.1000, subp. 2]
TFAC 1 Sanimax USA LLC	35	Notification of Deviations Endangering Human Health or the Environment: As soon as possible after discovery, notify the Commissioner or the state duty officer, either orally or by facsimile, of any deviation from permit conditions which could endanger human health or the environment. [Minn. R. 7019.1000, subp. 1]

TFAC 1 Sanimax USA LLC	36	Notification of Deviations Endangering Human Health or the Environment Report: Within 2 working days of discovery, notify the Commissioner in writing of any deviation from permit conditions which could endanger human health or the environment. Include the following information in this written description: 1. the cause of the deviation; 2. the exact dates of the period of the deviation, if the deviation has been corrected; 3. whether or not the deviation has been corrected; 4. the anticipated time by which the deviation is expected to be corrected, if not yet corrected; and 5. steps taken or planned to reduce, eliminate, and prevent reoccurrence of the deviation. [Minn. R. 7019.1000, subp. 1]
TFAC 1 Sanimax USA LLC	37	The Permittee shall submit a semiannual deviations report : Due semiannually, by the 30th of January and July The first semiannual report submitted by the Permittee shall cover the calendar half-year in which the permit is issued. The first report of each calendar year covers January 1 - June 30. The second report of each calendar year covers July 1 - December 31. If no deviations have occurred, the Permittee shall submit the report stating no deviations. [Minn. R. 7007.0800, subp. 6(A)(2)]
TFAC 1 Sanimax USA LLC	38	Application for Permit Amendment: If a permit amendment is needed, submit an application in accordance with the requirements of Minn. R. 7007.1150 through Minn. R. 7007.1500. Submittal dates vary, depending on the type of amendment needed. Upon adoption of a new or amended federal applicable requirement, the Permittee shall file an application for an amendment within nine months of promulgation of the applicable requirement, pursuant to Minn. R. 7007.0400, subp. 3. [Minn. R. 7007.0400, subp. 3, Minn. R. 7007.1150 - 7007.1500]

TFAC 1 Sanimax USA LLC	39	Extension Requests: The Permittee may apply for an Administrative Amendment to extend a deadline in a permit by no more than 120 days, provided the proposed deadline extension meets the requirements of Minn. R. 7007.1400, subp. 1(H). Performance testing deadlines from the General Provisions of 40 CFR pt. 60 and pt. 63 are examples of deadlines for which the MPCA does not have authority to grant extensions and therefore do not meet the requirements of Minn. R. 7007.1400, subp. 1(H). [Minn. R. 7007.1400, subp. 1(H)]
TFAC 1 Sanimax USA LLC	40	The Permittee shall submit a compliance certification : Due annually, by the 31st of January (for the previous calendar year). The Permittee shall submit this to the Commissioner on a form approved by the Commissioner. This report covers all deviations experienced during the calendar year. [Minn. R. 7007.0800, subp. 6(C)]
TFAC 1 Sanimax USA LLC	41	Emission Inventory Report: due on or before April 1 of each calendar year following permit issuance, to be submitted on a form approved by the Commissioner. [Minn. R. 7019.3000-7019.3100]
TFAC 1 Sanimax USA LLC	42	Emission Fees: due 30 days after receipt of an MPCA bill. [Minn. R. 7002.0005-7002.0095]