

Attachment 5: Air Emission Permit No. 12300391-102 showing only SIP conditions to be incorporated by reference

The attached version of Air Emission Permit No. 12300391-102 contains only the SIP conditions that will be relevant upon approval of this submittal by EPA. This document is used by EPA to incorporate these permit conditions by reference into federal law.

**Air Individual Permit
Major Amendment
12300391-102**

Permittee: Bulk Silos
Facility name: Bulk Silos
2145 Childs Road
Saint Paul, MN 55106
Ramsey County

Operating permit issuance date: November 17, 2006

Expiration date: Non-expiring Permit

* All Title I Conditions do not expire

Major Amendment: June 3, 2021

Permit characteristics: State; Limits to avoid Part 70/ Limits to avoid NSR; Limits to avoid NSR

Each new or revised condition designated "Title I Condition: 40 CFR 50.6 (SIP for PM10)" is not effective or enforceable until approved by U.S. Environmental Protection Agency (EPA) as a State Implementation Plan (SIP) revision under Title I of the Clean Air Act.

The emission units, control equipment and emission stacks at the stationary source authorized in this permit amendment are as described in the submittals listed in the Permit Applications Table.

This permit amendment supersedes Air Emission Permit No. 12300391-101 and authorizes the Permittee to modify and operate the stationary source at the address listed above unless otherwise noted in the permit. The Permittee must comply with all the conditions of the permit. Any changes or modifications to the stationary source must be performed in compliance with Minn. R. 7007.1150 to 7007.1500. (Any additions or changes to conditions incorporated into Minnesota's State Implementation Plan (SIP) under 40 CFR § 52.1220, designated "Title I Condition: 40 CFR 50.6 (SIP for PM10)" must go through the federal SIP approval process before becoming effective.) Terms used in the permit are as defined in the state air pollution control rules unless the term is explicitly defined in the permit.

Unless otherwise indicated, all the Minnesota rules cited as the origin of the permit terms are incorporated into the SIP under 40 CFR § 52.1220 and as such are enforceable by EPA Administrator or citizens under the Clean Air Act.

Signature: 

This document has been electronically signed.

for Steven S. Pak, P.E., Manager
Air Quality Permits Section
Industrial Division

for the Minnesota Pollution Control Agency

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1. Permit applications table

Permit applications:

Title description	Application receipt date	Action number
State Permit	04/13/2006	12300391- 002
Major Amendment	04/17/2009	12300391- 003
Administrative Amendment	02/04/2016	12300391-101
Major Amendment	04/16/2020, with supplemental information received 02/12/2021 and 04/20/2021	12300391-102

2. Where to send submittals

Send submittals that are required to be submitted to the U.S. EPA regional office to:

Chief Air Enforcement
Air and Radiation Branch
EPA Region V
77 West Jackson Boulevard
Chicago, Illinois 60604

Each submittal must be postmarked or received by the date specified in the applicable Table. Those submittals required by Minn. R. 7007.0100 to 7007.1850 must be certified by a responsible official, defined in Minn. R. 7007.0100, subp. 21. Other submittals shall be certified as appropriate if certification is required by an applicable rule or permit condition.

Send submittals that are required by the Acid Rain Program to:

U.S. Environmental Protection Agency
Clean Air Markets Division
1200 Pennsylvania Avenue NW (6204N)
Washington, D.C. 20460

Send any application for a permit or permit amendment to:

Fiscal Services – 6th Floor
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Also, where required by an applicable rule or permit condition, send to the Permit Document Coordinator notices of:

- a. Accumulated insignificant activities
- b. Installation of control equipment
- c. Replacement of an emissions unit, and
- d. Changes that contravene a permit term

Unless another person is identified in the applicable Table, send all other submittals to:

AQ Compliance Tracking Coordinator
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Or Email a signed and scanned PDF copy to:
submitstacktest.pca@state.mn.us
(for submittals related to stack testing)
AQRoutineReport.PCA@state.mn.us
(for other compliance submittals)
(See complete email instructions in "Routine Air Report Instructions Letter" at
<http://www.pca.state.mn.us/nwqh472.>)

3. Facility description

The Bulk Silos (Facility) is located at 2145 Childs Road, Saint Paul, Ramsey County, Minnesota.

Bulk Silos is a Portland cement distribution terminal. The facility currently operates six silos with pollution control equipment used for storage and distribution of cementitious products. The material is currently received by rail, stored in the silos, and distributed by truck. The main sources of emissions are Particulate Matter (PM), Particulate Matter less than 10 microns (PM10), and Particulate Matter less than 2.5 microns (PM2.5). Emissions are controlled by baghouses on all of the operations at the facility.

The major amendment is for the construction of three new silos (EQUI 8, EQUI 9, and EQUI 10), a new bucket elevator (EQUI 5), and nine new fabric filters (TREA 7, TREA 8, TREA 10, TREA 11, TREA 12, TREA 13, TREA 14, TREA 15, and TREA 16). Three existing fabric filters will be replaced (TREA 1 with TREA 5, TREA 2 with TREA 6, and TREA 3 with TREA 9). The Facility will also be adding barge unloading, and the material will be conveyed pneumatically from the barges to the storage silos. Many permit requirements are triggered by the startup of "the Project" which is defined as the startup of EQUI 5, EQUI 8, EQUI 9, and/or EQUI 10.

After startup of the Project, product will no longer be unloaded into Silo 3 (EQUI 11). This silo will serve as a storage silo for the cementitious product in Silos 7, 8, and 9 (EQUIs 8, 9, and 10) as it is transferred from these silos, to the bucket elevator, to EQUI 11, and eventually to the truck loading operation (EQUI 4).

4. Summary of subject items

SI ID: Description	Relationship type	Related SI ID: Description
TFAC 1: Childs Road Terminal		
COMG 1: Silos 1-4	has members	EQUI 6, EQUI 7, EQUI 11, EQUI 12
COMG 2: Unloading Silos	has members	EQUI 1, EQUI 2, EQUI 6, EQUI 7, EQUI 8, EQUI 9, EQUI 10, EQUI 12
COMG 3: Existing Unloading Silos	has members	EQUI 1, EQUI 2, EQUI 6, EQUI 7, EQUI 11, EQUI 12
COMG 4: Bucket Elevator and Silo 3 Operations	has members	EQUI 5, EQUI 11
EQUI 1: Pneumatic Conveyance to Silo 6	sends to	STRU 1: Silo No. 6
EQUI 1: Pneumatic Conveyance to Silo 6	sends to	STRU 29: Silo No. 6
EQUI 1: Pneumatic Conveyance to Silo 6	is controlled by	TREA 1: Silo 6 Baghouse (existing)
EQUI 1: Pneumatic Conveyance to Silo 6	is controlled by	TREA 5: Silo 6 Baghouse
EQUI 2: Pneumatic Conveyance to Silo 5	sends to	STRU 2: Silo No. 5
EQUI 2: Pneumatic Conveyance to Silo 5	sends to	STRU 28: Silo No. 5
EQUI 2: Pneumatic Conveyance to Silo 5	is controlled by	TREA 2: Silo 5 Baghouse (existing)
EQUI 2: Pneumatic Conveyance to Silo 5	is controlled by	TREA 6: Silo 5 Baghouse
EQUI 3: Material Storage Silo Nos. 3-6		
EQUI 4: Truck Loading Operations	sends to	STRU 3: Silo No. 3
EQUI 4: Truck Loading Operations	sends to	STRU 11: Truck Loading
EQUI 4: Truck Loading Operations	is controlled by	TREA 3: Truck Loading and COMG 1 Baghouse (existing)

SI ID: Description	Relationship type	Related SI ID: Description
EQUI 4: Truck Loading Operations	is controlled by	TREA 9: Truck Loading Baghouse
EQUI 5: Bucket Elevator	sends to	STRU 12: Bucket Elevator
EQUI 5: Bucket Elevator	is controlled by	TREA 10: Bucket Elevator Baghouse
EQUI 6: Pneumatic Conveyance to Silo 4	sends to	STRU 3: Silo No. 3
EQUI 6: Pneumatic Conveyance to Silo 4	sends to	STRU 10: Silo No. 4
EQUI 6: Pneumatic Conveyance to Silo 4	sends to	STRU 31: Silo No. 4
EQUI 6: Pneumatic Conveyance to Silo 4	is controlled by	TREA 3: Truck Loading and COMG 1 Baghouse (existing)
EQUI 6: Pneumatic Conveyance to Silo 4	is controlled by	TREA 8: Silo 4 Baghouse
EQUI 6: Pneumatic Conveyance to Silo 4	is controlled by	TREA 14: Silo 4 Second Baghouse
EQUI 7: Pneumatic Conveyance to Silo 1	sends to	STRU 3: Silo No. 3
EQUI 7: Pneumatic Conveyance to Silo 1	sends to	STRU 30: Silo No. 1
EQUI 7: Pneumatic Conveyance to Silo 1	is controlled by	TREA 3: Truck Loading and COMG 1 Baghouse (existing)
EQUI 7: Pneumatic Conveyance to Silo 1	is controlled by	TREA 7: Silo 1 Baghouse
EQUI 8: Pneumatic Conveyance to Silo 9	sends to	STRU 13: Silo No. 9
EQUI 8: Pneumatic Conveyance to Silo 9	is controlled by	TREA 11: Silo 9 Baghouse
EQUI 9: Pneumatic Conveyance to Silo 8	sends to	STRU 14: Silo No. 8
EQUI 9: Pneumatic Conveyance to Silo 8	is controlled by	TREA 12: Silo 8 Baghouse
EQUI 10: Pneumatic Conveyance to Silo 7	sends to	STRU 15: Silo No. 7
EQUI 10: Pneumatic Conveyance to Silo 7	is controlled by	TREA 13: Silo 7 Baghouse

SI ID: Description	Relationship type	Related SI ID: Description
EQUI 11: Silo 3	sends to	STRU 3: Silo No. 3
EQUI 11: Silo 3	sends to	STRU 32: Silo No. 3
EQUI 11: Silo 3	is controlled by	TREA 3: Truck Loading and COMG 1 Baghouse (existing)
EQUI 11: Silo 3	is controlled by	TREA 15: Silo 3 Baghouse
EQUI 12: Pneumatic Conveyance to Silo 2	sends to	STRU 3: Silo No. 3
EQUI 12: Pneumatic Conveyance to Silo 2	sends to	STRU 33: Silo No. 2
EQUI 12: Pneumatic Conveyance to Silo 2	is controlled by	TREA 3: Truck Loading and COMG 1 Baghouse (existing)
EQUI 12: Pneumatic Conveyance to Silo 2	is controlled by	TREA 16: Silo 2 Baghouse
FUGI 3: Paved Roads		
STRU 1: Silo No. 6		
STRU 2: Silo No. 5		
STRU 3: Silo No. 3		
STRU 10: Silo No. 4		
STRU 11: Truck Loading		
STRU 12: Bucket Elevator		
STRU 13: Silo No. 9		
STRU 14: Silo No. 8		
STRU 15: Silo No. 7		
STRU 28: Silo No. 5		
STRU 29: Silo No. 6		

SI ID: Description	Relationship type	Related SI ID: Description
STRU 30: Silo No. 1		
STRU 31: Silo No. 4		
STRU 32: Silo No. 3		
STRU 33: Silo No. 2		
TREA 1: Silo 6 Baghouse (existing)		
TREA 2: Silo 5 Baghouse (existing)		
TREA 3: Truck Loading and COMG 1 Baghouse (existing)		
TREA 5: Silo 6 Baghouse		
TREA 6: Silo 5 Baghouse		
TREA 7: Silo 1 Baghouse		
TREA 8: Silo 4 Baghouse		
TREA 9: Truck Loading Baghouse		
TREA 10: Bucket Elevator Baghouse		
TREA 11: Silo 9 Baghouse		
TREA 12: Silo 8 Baghouse		
TREA 13: Silo 7 Baghouse		
TREA 14: Silo 4 Second Baghouse		
TREA 15: Silo 3 Baghouse		
TREA 16: Silo 2 Baghouse		

5. Limits and other requirements

Requirement number	Requirement and citation
TFAC 1	Childs Road Terminal
5.1.1	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 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. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Minn. R. 7009.0020-7009.0090, Minn. Stat. 116.07, subd. 4a(a), Title I Condition: 40 CFR 51.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.1.2	ACTIVITIES NOT REQUIRING A MODIFICATION TO THE SIP: The Permittee is authorized to make changes to the facility without obtaining a modification to the SIP as long as the change does not increase from any emission point, the PM10 emission rates (either lb/hr or gr/dscf) or overall PM10 emissions, or alter equipment or parameters described in Appendix A, which forms the basis of the PM10 modeling. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.1.3	ACTIVITIES REQUIRING A MODIFICATION TO THE SIP: Activities requiring a modification of the SIP prior to the Permittee commencing the activity include, but are not limited to, the following: 1. Any decrease in stack emissions exit velocity contained in Appendix A, Table 1; 2. Any decrease in the exit point heat content of stack emissions contained in Appendix A, Table 1; 3. Any reduction in stack height below that contained in Appendix A, Table 1; 4. Any increase in stack exit diameter above that contained in Appendix A, Table 1; and 5 Any construction or modification of structures that increase the effective structural dimensions contained in Appendix A, Table 1. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.1.4	Upon startup of the Project: ACTIVITIES REQUIRING A MODIFICATION TO THE SIP: Activities requiring a modification of the SIP prior to the Permittee commencing the activity include, but are not limited to, the following: 1. Any decrease in stack emissions exit velocity contained in Appendix A, Table 2; 2. Any decrease in the exit point heat content of stack emissions contained in Appendix A, Table 2; 3. Any reduction in stack height below that contained in Appendix A, Table 2; 4. Any increase in stack exit diameter above that contained in Appendix A, Table 2; and 5 Any construction or modification of structures that increase the effective structural dimensions contained in Appendix A, Table 2. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.1.5	General Operation and Maintenance Requirements for the SIP: The Permittee shall operate and maintain the process and control equipment described in Appendix A according to the parameters set forth in Appendix A. The parameters were used in the computer modeling performed to demonstrate that the Childs Road portion of the PM10 maintenance area will attain compliance with the PM10 NAAQS. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.1.6	Shutdown or Breakdown of Pollution Control Equipment: In an event of a shutdown or breakdown of pollution control equipment, the Permittee shall follow the shutdown and breakdown procedures found in Minn. R. 7019.1000. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.1.7	Construction and Operation of SIP Emission Units: The Permittee may begin actual construction of new emission units or modification to existing emission units upon permit issuance. However, the

Requirement number	Requirement and citation
	Permittee shall not operate any new emission unit or modified emission unit until any required SIP amendment is approved by EPA. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.1.8	Permanent Records for SIP: The Permittee shall permanently maintain the following information together with all amendments, revisions, and modifications to this information: <ol style="list-style-type: none"> 1. The Permittee shall maintain a file or files of information on the design, construction and operation of each emission facility, emission source, stack, structures pertinent to modeling for downwash, and any other information required to conduct PM10 ambient air quality modeling of emissions from the facility. 2. The Permittee shall maintain a file at the facility which includes all PM10 emission compliance demonstration plans which upon approval by the MPCA or EPA become integral and enforceable parts of the SIP. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.1.9	Non-Permanent Records for SIP: The Permittee shall retain all records at the stationary source for a period of six (6) years from the date of the required monitoring, sample, measurement, or report that corresponds with a State Implementation Plan (SIP) Title I Condition include, but not limited to the following: <ol style="list-style-type: none"> 1. Monitoring, Testing (if required by the Commissioner, and other Records); 2. Startup, Shutdown, Bypass and Breakdown for each piece of process equipment, control equipment, emission stack, and monitoring system; 3. Any exceedance of an emission limitation or opacity limitation and any noncompliance with an operational requirement at the facility; 4. All required documents, records, reports and plans in a form suitable for determination of the facility's compliance with the SIP by EPA or MPCA staff. The Permittee shall maintain the information at the facility in files which are easily accessible of inspection by EPA or MPCA staff, and are available for inspection. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.1.10	Reporting: The Permittee may undertake certain changes to the facility without obtaining a modification to the SIP. However, if the Permittee does make a change, and if the change in any way affects PM10 emissions (reduces the amount or changes the concentration, size, character, velocity, direction, or location of PM10 emissions) the Permittee shall notify the Commissioner in writing at least 30 days prior to undertaking the change. The notification shall describe the change and why it does not require a modification of the SIP. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]

Requirement number	Requirement and citation

Requirement number	Requirement and citation
5.1.39	<p>The Permittee is authorized to construct the Barge Unloading and Silo Addition Project ("Project") which includes the addition of EQUI 5, EQUI 8, EQUI 9, EQUI 10, TREA 5, TREA 6, TREA 7, TREA 8, TREA 9, TREA 10, TREA 11, TREA 12, TREA 13, TREA 14, TREA 15, TREA 16, and FUGI 3. Upon federal approval of the SIP Revision, the Permittee is authorized to operate the subject items listed above.</p> <p>The authorization to construct expires 5 years after issuance of Air Emissions Permit No. 12300391-102. The units shall meet all applicable permit requirements. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6 (PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000]</p>
COMG 1	Silos 1-4

Requirement number	Requirement and citation
5.2.2	PM < 10 micron < 0.84 pounds per hour daily average to be calculated as described later in this permit. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.2.3	Process Throughput: Daily Recordkeeping. On each day of operation the Permittee shall record and maintain the total quantity of all materials unloaded from rail and/or barge to the members of COMG 1. The records shall be based on the midnight to midnight calendar day period and the computer/ticketing system. This shall be recorded in written or electronic usage logs. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
COMG 2	Unloading Silos
5.3.1	Unloading Operations: The Permittee must limit Process Throughput <= 1100 tons per day daily average. This requirement expires upon startup of the Project. [40 CFR pt. 51, 40 CFR pt. 52, subp. Y, Title I Condition: 40 CFR 50.6 (PM10 SIP)]
5.3.2	Unloading Operations: The Permittee must limit Process Throughput <= 100000 tons per year 12-month rolling sum. This requirement expires upon startup of the Project. [40 CFR pt. 51, 40 CFR pt. 52, subp. Y, Title I Condition: 40 CFR 50.6 (PM10 SIP), Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.3.3	Upon startup of the Project: The Permittee must limit Unloading Operations Process Throughput <= 2500 tons per day daily average to be calculated as described later in this permit. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.5(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.3.4	Upon startup of the Project: The Permittee must limit Unloading Operations Process Throughput <= 740000 tons per year 12-month rolling sum to be calculated as described later in this permit. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.3.5	Upon startup of the Project: PM < 10 micron <= 0.009 pounds per hour daily average to be calculated as described later in this permit. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]

Requirement number	Requirement and citation
5.3.9	Unloading Operations Process Throughput. Daily Recordkeeping. On each day of operation the Permittee shall record and maintain the total quantity of all materials unloaded from rail and barge. The records shall be based on the midnight to midnight calendar day period and the computer/ticketing system. This shall be recorded in written or electronic usage logs. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6 (PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
EQUI 1	Pneumatic Conveyance to Silo 6
5.5.1	PM < 10 micron < 0.25 pounds per hour daily average to be calculated as described later in this permit. This requirement expires upon startup of the Project. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]

Requirement number	Requirement and citation
5.5.4	<p>Process Throughput: Daily Recordkeeping. On each day of operation the Permittee shall record and maintain the total quantity of all materials unloaded from rail and/or barge to EQUI 1. The records shall be based on the midnight to midnight calendar day period and the computer/ticketing system. This shall be recorded in written or electronic usage logs. This requirement expires upon startup of the Project. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.5.6	<p>The Permittee shall vent emissions from EQUI 1 to control equipment meeting the requirements of TREA 1 whenever EQUI 1 operates. This requirement expires upon startup of TREA 5. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.5.7	<p>Upon startup of TREA 5: The Permittee shall vent emissions from EQUI 1 to control equipment meeting the requirements of TREA 5 whenever EQUI 1 operates. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6 (PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
EQUI 2	Pneumatic Conveyance to Silo 5
5.6.1	<p>PM < 10 micron < 0.25 pounds per hour daily average to be calculated as described later in this permit. This requirement expires upon startup of the Project. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.6.4	<p>Process Throughput: Daily Recordkeeping. On each day of operation the Permittee shall record and maintain the total quantity of all materials unloaded from rail and/or barge to EQUI 2. The records shall be based on the midnight to midnight calendar day period and the computer/ticketing system. This shall be recorded in written or electronic usage logs. This requirement expires upon startup of</p>

Requirement number	Requirement and citation
	the Project. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.6.6	The Permittee shall vent emissions from EQUI 2 to control equipment meeting the requirements of TREA 2 whenever EQUI 2 operates. This requirement expires upon startup of TREA 6. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.6.7	Upon startup of TREA 6: The Permittee shall vent emissions from EQUI 2 to control equipment meeting the requirements of TREA 6 whenever EQUI 2 operates. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
EQUI 4	Truck Loading Operations
5.7.1	PM < 10 micron <= 0.15 tons per year 24-hour rolling average. This requirement expires upon startup of the Project. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.7.2	PM < 10 micron <= 0.15 tons per year 12-month rolling average. This requirement expires upon startup of the Project. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.7.3	Upon startup of the Project: The Permittee must limit Truck Loading Operations Process Throughput <= 2500 tons per day daily average to be calculated as described later in this permit. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.7.4	Upon startup of the Project: The Permittee must limit Truck Loading Operations Process Throughput <= 740000 tons per year 12-month rolling sum. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.7.5	Upon startup of the Project: PM < 10 micron <= 0.009 pounds per hour daily average to be calculated as described later in this permit. [40 CFR pt. 51, 40 CFR pt. 52, subp. Y, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP)]

Requirement number	Requirement and citation
5.7.9	Truck Loading Operations Process Throughput. Daily Recordkeeping. On each day of operation the Permittee shall record and maintain the total quantity of all materials loaded into the truck loading operation (EQUI 4). The records shall be based on the midnight to midnight calendar day period and the computer/ticketing system. This shall be recorded in written or electronic usage logs. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.7.13	The Permittee shall vent emissions from EQUI 4 to control equipment meeting the requirements of TREA 3 whenever EQUI 4 operates. This requirement expires upon startup of TREA 9. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & 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]

Requirement number	Requirement and citation
5.7.16	Upon startup of TREA 9: The Permittee shall vent emissions from EQUI 4 to control equipment meeting the requirements of TREA 9 whenever EQUI 4 operates. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
EQUI 5	Bucket Elevator
5.8.1	Upon startup of the Project: The Permittee must limit Bucket Elevator Process Throughput \leq 1100 tons per day daily average to be calculated as described later in this permit. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.8.2	Upon startup of the Project: The Permittee must limit Bucket Elevator Process Throughput \leq 350000 tons per year 12-month rolling sum. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.8.3	PM < 10 micron \leq 0.0031 pounds per hour daily average to be calculated as described later in this permit. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.8.5	Bucket Elevator Process Throughput. Daily Recordkeeping. On each day of operation the Permittee shall record and maintain the total quantity of all materials processed by the Bucket Elevator (EQUI 5). The records shall be based on the midnight to midnight calendar day period and flow meter readings. This shall be recorded in written or electronic usage logs. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]

Requirement number	Requirement and citation
5.8.11	The Permittee shall vent emissions from EQUI 5 to control equipment meeting the requirements of TREA 10 whenever EQUI 5 operates. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
EQUI 6	Pneumatic Conveyance to Silo 4
5.9.3	The Permittee shall vent emissions from EQUI 6 to control equipment meeting the requirements of TREA 3 whenever EQUI 6 operates. This requirement expires upon startup of TREA 8 and/or TREA 14. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.9.4	Upon startup of TREA 8 and/or TREA 14: The Permittee shall vent emissions from EQUI 6 to control equipment meeting the requirements of TREA 8 and/or TREA 14 whenever EQUI 6 operates. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & 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 7	Pneumatic Conveyance to Silo 1
5.10.3	The Permittee shall vent emissions from EQUI 7 to control equipment meeting the requirements of TREA 3 whenever EQUI 7 operates. This requirement expires upon startup of TREA 7. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid

Requirement number	Requirement and citation
5.10.4	<p>major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p> <p>Upon startup of TREA 7: The Permittee shall vent emissions from EQUI 7 to control equipment meeting the requirements of TREA 7 whenever EQUI 7 operates. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & 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]</p>
EQUI 8	Pneumatic Conveyance to Silo 9
5.11.3	<p>The Permittee shall vent emissions from EQUI 8 to control equipment meeting the requirements of TREA 11 whenever EQUI 8 operates. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
EQUI 9	Pneumatic Conveyance to Silo 8
5.12.3	<p>The Permittee shall vent emissions from EQUI 9 to control equipment meeting the requirements of TREA 12 whenever EQUI 9 operates. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
EQUI 10	Pneumatic Conveyance to Silo 7
5.13.3	<p>The Permittee shall vent emissions from EQUI 10 to control equipment meeting the requirements of TREA 13 whenever EQUI 10 operates. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
EQUI 11	Silo 3

Requirement number	Requirement and citation
5.14.3	The Permittee shall vent emissions from EQUI 11 to control equipment meeting the requirements of TREA 3 whenever EQUI 11 operates. This requirement expires upon startup of TREA 15. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.14.4	Upon startup of TREA 15: The Permittee shall vent emissions from EQUI 11 to control equipment meeting the requirements of TREA 15 whenever EQUI 11 operates. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.14.5	Upon startup of the Project: PM < 10 micron <= 0.0008 pounds per hour daily average to be calculated as described later in this permit. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.14.7	Upon startup of the Project: Process Throughput: Daily Recordkeeping. On each day of operation the Permittee shall record and maintain the total quantity of all materials processed through EQUI 11. The records shall be based on the midnight to midnight calendar day period and the computer/ticketing system. This shall be recorded in written or electronic usage logs. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
EQUI 12	Pneumatic Conveyance to Silo 2

Requirement number	Requirement and citation
5.15.3	The Permittee shall vent emissions from EQUI 12 to control equipment meeting the requirements of TREA 3 whenever EQUI 12 operates. This requirement expires upon startup of TREA 16. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.15.4	Upon startup of TREA 16: The Permittee shall vent emissions from EQUI 12 to control equipment meeting the requirements of TREA 16 whenever EQUI 12 operates. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
TREA 1	Silo 6 Baghouse (existing)
5.17.2	The Permittee shall vent emissions from EQUI 1 to TREA 1 whenever EQUI 1 operates, and operate and maintain TREA 1 at all times that any emissions are vented to TREA 1. The Permittee shall document periods of non-operation of the control equipment TREA 1 whenever EQUI 1 is operating. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.17.3	<p>If the Permittee replaces TREA 1, the replacement control must meet or exceed the control efficiency requirements of TREA 1 as well as comply with all other requirements of TREA 1. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP),</p>

Requirement number	Requirement and citation
	Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.17.8	Visible Emissions: The Permittee shall check the fabric filter stack STRU 1 for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.17.9	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.17.10	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
5.17.15	<p>Pressure Drop ≥ 0.5 and ≤ 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
TREA 2	Silo 5 Baghouse (existing)
5.18.2	<p>The Permittee shall vent emissions from EQUI 2 to TREA 2 whenever EQUI 2 operates, and operate and maintain TREA 2 at all times that any emissions are vented to TREA 2. The Permittee shall document periods of non-operation of the control equipment TREA 2 whenever EQUI 2 is operating. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.18.3	<p>If the Permittee replaces TREA 2, the replacement control must meet or exceed the control efficiency requirements of TREA 2 as well as comply with all other requirements of TREA 2. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>

Requirement number	Requirement and citation
5.18.8	Visible Emissions: The Permittee shall check the fabric filter stack (STRU 2) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. J]
5.18.9	Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions. The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.18.10	Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions. If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report. The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.18.15	Pressure Drop ≥ 0.5 and ≤ 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon

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	<p>receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
TREA 3	Truck Loading and COMG 1 Baghouse (existing)
5.19.2	<p>The Permittee shall vent emissions from EQUI 4, EQUI 6, EQUI 7, EQUI 11, and/or EQUI 12 to TREA 3 whenever EQUI 4, EQUI 6, EQUI 7, EQUI 11, and/or EQUI 12 operates, and operate and maintain TREA 3 at all times that any emissions are vented to TREA 3. The Permittee shall document periods of non-operation of the control equipment TREA 3 whenever EQUI 4, EQUI 6, EQUI 7, EQUI 11, and/or EQUI 12 is operating.</p> <p>Upon startup of TREA 7, TREA 8, TREA 9, TREA 14, TREA 15, and/or TREA 16: The Permittee shall vent emissions from EQUI 4, EQUI 6, EQUI 7, EQUI 11, and/or EQUI 12 to TREA 9, TREA 8 and/or TREA 14, TREA 7, TREA 15, and TREA 16, respectively whenever EQUI 4, EQUI 6, EQUI 7, EQUI 11, and/or EQUI 12 operates, and operate and maintain TREA 7, TREA 8, TREA 9, TREA 14, TREA 15, and TREA 16 at all times that any emissions are vented to them. The Permittee shall document periods of non-operation of the control equipment listed above whenever EQUI 4, EQUI 6, EQUI 7, EQUI 11, and/or EQUI 12 is operating. See additional requirements at TREA 7, TREA 8, TREA 9, TREA 14, TREA 15, and TREA 16. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.19.3	<p>If the Permittee replaces TREA 3, the replacement control must meet or exceed the control efficiency requirements of TREA 3 as well as comply with all other requirements of TREA 3. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>

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5.19.8	Visible Emissions: The Permittee shall check the fabric filter stack STRU 3 for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.19.9	Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions. If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report. The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.19.10	Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions. The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.19.15	Pressure Drop ≥ 2.0 and ≤ 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.

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	<p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
TREA 5	Silo 6 Baghouse
5.20.1	<p>The Permittee shall vent emissions from EQUI 1 to TREA 5 whenever EQUI 1 operates, and operate and maintain TREA 5 at all times that any emissions are vented to TREA 5. The Permittee shall document periods of non-operation of the control equipment TREA 5 whenever EQUI 1 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.20.2	<p>If the Permittee replaces TREA 5, the replacement control must meet or exceed the control efficiency requirements of TREA 5 as well as comply with all other requirements of TREA 5. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.20.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.20.8	<p>Visible Emissions: The Permittee shall check the fabric filter stack (STRU 29) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
5.20.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.20.14	<p>Pressure Drop ≥ 0.5 and ≤ 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
TREA 6	Silo 5 Baghouse
5.21.1	<p>The Permittee shall vent emissions from EQUI 2 to TREA 6 whenever EQUI 2 operates, and operate and maintain TREA 6 at all times that any emissions are vented to TREA 6. The Permittee shall document periods of non-operation of the control equipment TREA 6 whenever EQUI 2 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>

Requirement number	Requirement and citation
5.21.2	<p>If the Permittee replaces TREA 6, the replacement control must meet or exceed the control efficiency requirements of TREA 6 as well as comply with all other requirements of TREA 6. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A) &(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.21.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.21.8	<p>Visible Emissions: The Permittee shall check the fabric filter stack (STRU 28) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.21.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
5.21.14	<p>Pressure Drop ≥ 0.5 and ≤ 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP)]</p>
TREA 7	Silo 1 Baghouse
5.22.1	<p>Upon startup of TREA 7: The Permittee shall vent emissions from EQUI 7 to TREA 7 whenever EQUI 7 operates, and operate and maintain TREA 7 at all times that any emissions are vented to TREA 7. The Permittee shall document periods of non-operation of the control equipment TREA 7 whenever EQUI 7 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.22.2	<p>If the Permittee replaces TREA 7, the replacement control must meet or exceed the control efficiency requirements of TREA 7 as well as comply with all other requirements of TREA 7. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>

Requirement number	Requirement and citation
5.22.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.22.8	<p>Visible Emissions: The Permittee shall check the fabric filter stack (STRU 30) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.22.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
5.22.14	<p>Pressure Drop ≥ 0.5 and ≤ 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
TREA 8	Silo 4 Baghouse
5.23.1	<p>Upon startup of TREA 8: The Permittee shall vent emissions from EQUI 6 to TREA 8 and/or TREA 14 whenever EQUI 6 operates, and operate and maintain TREA 8 and/or TREA 14 at all times that any emissions are vented to TREA 8 and/or TREA 14. The Permittee shall document periods of non-operation of the control equipment TREA 8 and/or TREA 14 whenever EQUI 6 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.23.2	<p>If the Permittee replaces TREA 8, the replacement control must meet or exceed the control efficiency requirements of TREA 8 as well as comply with all other requirements of TREA 8. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>

Requirement number	Requirement and citation
5.23.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.23.8	<p>Visible Emissions: The Permittee shall check the fabric filter stack (STRU 10) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.23.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
	Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
TREA 9	Truck Loading Baghouse
5.24.1	Upon startup of TREA 9: The Permittee shall vent emissions from EQUI 4 to TREA 9 whenever EQUI 4 operates, and operate and maintain TREA 9 at all times that any emissions are vented to TREA 9. The Permittee shall document periods of non-operation of the control equipment TREA 9 whenever EQUI 4 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.24.2	<p>If the Permittee replaces TREA 9, the replacement control must meet or exceed the control efficiency requirements of TREA 9 as well as comply with all other requirements of TREA 9. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.24.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.24.8	Visible Emissions: The Permittee shall check the fabric filter stack (STRU 11) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.24.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the</p>

Requirement number	Requirement and citation
	<p>Company's semiannual report. The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.24.14	<p>Pressure Drop ≥ 0.5 and ≤ 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
TREA 10	Bucket Elevator Baghouse
5.25.1	<p>The Permittee shall vent emissions from EQUI 5 to TREA 10 whenever EQUI 5 operates, and operate and maintain TREA 10 at all times that any emissions are vented to TREA 10. The Permittee shall document periods of non-operation of the control equipment TREA 10 whenever EQUI 5 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.25.2	<p>If the Permittee replaces TREA 10, the replacement control must meet or exceed the control efficiency requirements of TREA 10 as well as comply with all other requirements of TREA 10. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p>

Requirement number	Requirement and citation
	<p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.25.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.25.8	<p>Visible Emissions: The Permittee shall check the fabric filter stack (STRU 12) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.5(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.25.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
5.25.14	<p>Pressure Drop ≥ 0.5 and ≤ 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
TREA 11	Silo 9 Baghouse
5.26.1	<p>The Permittee shall vent emissions from EQUI 8 to TREA 11 whenever EQUI 8 operates, and operate and maintain TREA 11 at all times that any emissions are vented to TREA 11. The Permittee shall document periods of non-operation of the control equipment TREA 11 whenever EQUI 8 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.26.2	<p>If the Permittee replaces TREA 11, the replacement control must meet or exceed the control efficiency requirements of TREA 11 as well as comply with all other requirements of TREA 11. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>

Requirement number	Requirement and citation
5.26.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.26.8	<p>Visible Emissions: The Permittee shall check the fabric filter stack (STRU 13) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.26.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
5.26.14	<p>Pressure Drop \geq 0.5 and \leq 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
TREA 12	Silo 8 Baghouse
5.27.1	<p>The Permittee shall vent emissions from EQUI 9 to TREA 12 whenever EQUI 9 operates, and operate and maintain TREA 12 at all times that any emissions are vented to TREA 12. The Permittee shall document periods of non-operation of the control equipment TREA 12 whenever EQUI 9 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.27.2	<p>If the Permittee replaces TREA 12, the replacement control must meet or exceed the control efficiency requirements of TREA 12 as well as comply with all other requirements of TREA 12. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.27.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were</p>

Requirement number	Requirement and citation
	<p>observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.27.8	<p>Visible Emissions: The Permittee shall check the fabric filter stack (STRU 14) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.27.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.27.14	<p>Pressure Drop ≥ 0.5 and ≤ 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
TREA 13	Silo 7 Baghouse
5.28.1	<p>The Permittee shall vent emissions from EQUI 10 to TREA 13 whenever EQUI 10 operates, and operate and maintain TREA 13 at all times that any emissions are vented to TREA 13. The Permittee shall document periods of non-operation of the control equipment TREA 13 whenever EQUI 10 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.28.2	<p>If the Permittee replaces TREA 13, the replacement control must meet or exceed the control efficiency requirements of TREA 13 as well as comply with all other requirements of TREA 13. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.28.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.28.8	<p>Visible Emissions: The Permittee shall check the fabric filter stack (STRU 15) for any visible emissions once each day of operation during daylight hours. [Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.28.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p>

Requirement number	Requirement and citation
	The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.28.14	<p>Pressure Drop ≥ 0.5 and ≤ 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
TREA 14	Silo 4 Second Baghouse
5.29.1	Upon startup of TREA 14: The Permittee shall vent emissions from EQUI 6 to TREA 8 and/or TREA 14 whenever EQUI 6 operates, and operate and maintain TREA 8 and/or TREA 14 at all times that any emissions are vented to TREA 8 and/or TREA 14. The Permittee shall document periods of non-operation of the control equipment TREA 8 and/or TREA 14 whenever EQUI 6 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.29.2	If the Permittee replaces TREA 14, the replacement control must meet or exceed the control efficiency requirements of TREA 14 as well as comply with all other requirements of TREA 14. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.

Requirement number	Requirement and citation
	If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]
5.29.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.29.8	Visible Emissions: The Permittee shall check the fabric filter stack (STRU 31) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]
5.29.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
5.29.14	<p>Pressure Drop ≥ 0.5 and ≤ 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
TREA 15	Silo 3 Baghouse
5.30.1	<p>Upon startup of TREA 15: The Permittee shall vent emissions from EQUI 11 to TREA 15 whenever EQUI 11 operates, and operate and maintain TREA 15 at all times that any emissions are vented to TREA 15. The Permittee shall document periods of non-operation of the control equipment TREA 15 whenever EQUI 11 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.30.2	<p>If the Permittee replaces TREA 15, the replacement control must meet or exceed the control efficiency requirements of TREA 15 as well as comply with all other requirements of TREA 15. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>

Requirement number	Requirement and citation
5.30.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.30.8	<p>Visible Emissions: The Permittee shall check the fabric filter stack (STRU 32) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.30.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
5.30.14	<p>Pressure Drop \geq 0.5 and \leq 6.0 inches of water, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change.</p> <p>If the recorded pressure drop is outside the required range, the emissions during that time shall be considered uncontrolled until the pressure drop is once again within the required range. The period of time for which the pressure drop is considered out of range shall be reported as a deviation. The Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
TREA 16	Silo 2 Baggouse
5.31.1	<p>Upon startup of TREA 16: The Permittee shall vent emissions from EQUI 12 to TREA 16 whenever EQUI 12 operates, and operate and maintain TREA 16 at all times that any emissions are vented to TREA 16. The Permittee shall document periods of non-operation of the control equipment TREA 16 whenever EQUI 11 is operating. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>
5.31.2	<p>If the Permittee replaces TREA 16, the replacement control must meet or exceed the control efficiency requirements of TREA 16 as well as comply with all other requirements of TREA 16. Prior to making such a change, the Permittee shall apply for and obtain the appropriate permit amendment, as applicable.</p> <p>If no amendment is needed for the replacement, the Permittee shall submit an electronic notice to the Agency using Form CR-05. The notice must be received by the Agency seven working days prior to the commencement/start of replacement. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y, Title I Condition: Avoid major modification under 40 CFR 52.21(b)(2) & Minn. R. 7007.3000, Title I Condition: Avoid major source under 40 CFR 52.21(b)(1)(i) & Minn. R. 7007.3000, To avoid major source under 40 CFR 70.2 & Minn. R. 7007.0200]</p>

Requirement number	Requirement and citation
5.31.7	<p>Recordkeeping of Visible Emissions: The Permittee shall record every 24 hours during operation the time and date of each visible emission inspection and whether or not any visible emissions were observed, and take the appropriate corrective actions.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.31.8	<p>Visible Emissions: The Permittee shall check the fabric filter stack (STRU 33) for any visible emissions once each day of operation during daylight hours. [40 CFR pt. 51, Minn. R. 7007.0800, subps. 4-5, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
5.31.9	<p>Recordkeeping of Pressure Drop. The Permittee shall record every 24 hours, if in operation, the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit and take the appropriate corrective actions.</p> <p>If pressure drop range exceed the permitted limit, the Permittee shall report it as a deviation in the Company's semiannual report.</p> <p>The permittee shall record every calendar day the total time the emission unit is in operation during that calendar day. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
	Permittee shall record the pressure drop at least once every 24 hours when in operation. [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]

6. Submittal/action requirements

This section lists most of the submittals required by this permit. Please note that some submittal requirements may appear in the Limits and Other Requirements section, or, if applicable, within a Compliance Schedule section.

Requirement number	Requirement and citation
TFAC 1	Childs Road Terminal
6.1.1	<p>PM10 Performance Test Corrective Actions: The Permittee shall submit a computer dispersion modeling protocol for PM10 refined modeling : Due 180 days after the Permittee receives a 2nd notice of noncompliance (NON) from the MPCA stating that they have failed to pass the PM10 emission rate performance test at COMG 2, COMG 4, and/or EQUI 4. Upon receipt of the first NON, the Permittee will retest one more time to measure emissions.</p> <p>The protocol will describe the proposed modeling methodology and input data, in accordance with MPCA modeling guidance for Title V air dispersion modeling analyses. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Minn. R. 7009.0020-7009.0090, Minn. Stat. 116.07, subd. 4a(a), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
6.1.2	<p>PM < 10 micron: The Permittee shall submit computer dispersion modeling results due 270 calendar days after the Permittee receives a 2nd notice of noncompliance (NON) from the MPCA stating that they have failed to pass the PM10 emission rate performance test at COMG 2, COMG 4, and/or EQUI 4. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A) & (B), Minn. R. 7009.0020-7009.0090, Minn. Stat. 116.07, subd. 4a(a), Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
6.1.5	<p>Annual Report for SIP: due 30 days after end of each calendar year following Permit Issuance to the Commissioner. The report shall contain the following information: a record of data used in calculating PM10 emissions, and calculations of the PM10 emissions; a record of each unscheduled startup, shutdown, and breakdown of process and control equipment; a summary record of excess PM10 emissions, opacity exceedances and noncompliance with fugitive emissions requirements (or the Permittee shall state if no exceedances, and noncompliance conditions occurred in the calendar year). [40 CFR pt. 51, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
COMG 2	Unloading Silos
6.2.1	<p>PM < 10 micron: The Permittee shall conduct an initial performance test due 180 calendar days after startup of the Project and at a minimum every 60 months thereafter to verify the emission factor of 0.0000863 lb/ton.</p> <p>The Commissioner will set the subsequent test frequency as stated in a Notice of Compliance (NOC) or Notice of Verification (NOV) letter with review of the initial performance test. Subsequent tests shall be completed no less than every 60-months by the due date (month and day) based on the initial test date or more frequently as stated in the NOC/NOV letter.</p> <p>If the Commissioner sets a test frequency at less than every 60 months, the Permittee must apply for an administrative amendment to incorporate the prescribed test frequency into the permit. A major amendment is required to reduce the test frequency once set in the permit.</p> <p>The performance test shall be conducted at worst-case conditions defined at Minn. R. 7017.2005, subp. 8 or at the operating conditions described at Minn. R. 7017.2025, subp. 2, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval.</p> <p>Testing shall be completed on two members of COMG 2. Testing shall be completed on a rotating basis such that no single silo within COMG 2 is tested twice before all other silos have been tested once.</p> <p>Testing conducted during the 60 days prior to a performance test due date will not reset the due date for future testing.</p> <p>Testing conducted more than 60 days prior to the specified due date satisfies this test due date requirement but will reset future performance test due dates based on the most recent performance test date. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A) & (B), Minn. R. 7017.2020, subp. 1, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
6.2.3	<p>PM < 10 micron: The Permittee shall conduct an initial performance test due 180 calendar days after startup of the Project and at a minimum every 60 months thereafter to measure emissions.</p> <p>The Commissioner will set the subsequent test frequency as stated in a Notice of Compliance (NOC) or Notice of Verification (NOV) letter with review of the initial performance test. Subsequent tests shall be completed no less than every 60-months by the due date (month and day) based on the initial test date or more frequently as stated in the NOC/NOV letter.</p> <p>If the Commissioner sets a test frequency at less than every 60 months, the Permittee must apply for an administrative amendment to incorporate the prescribed test frequency into the permit. A major amendment is required to reduce the test frequency once set in the permit.</p> <p>The performance test shall be conducted at worst-case conditions defined at Minn. R. 7017.2005, subp. 8 or at the operating conditions described at Minn. R. 7017.2025, subp. 2, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval.</p> <p>Testing shall be completed on two members of COMG 2. Testing shall be completed on a rotating basis such that no single silo within COMG 2 is tested twice before all other silos have been tested once.</p> <p>Testing conducted during the 60 days prior to a performance test due date will not reset the due date for future testing.</p> <p>Testing conducted more than 60 days prior to the specified due date satisfies this test due date requirement but will reset future performance test due dates based on the most recent performance test date.</p> <p>See PM10 Performance Test Corrective Actions requirement under section 6 at TFAC 1. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Minn. R. 7017.2020, subp. 1, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
COMG 3	Existing Unloading Silos
6.3.1	<p>PM < 10 micron: The Permittee shall conduct an initial performance test due 24 months after Permit Issuance Date and at a minimum every 60 months thereafter to verify the emission factor of 0.0000863 lb/ton.</p> <p>The Commissioner will set the subsequent test frequency as stated in a Notice of Compliance (NOC) or Notice of Verification (NOV) letter with review of the initial performance test. Subsequent tests shall be completed no less than every 60-months by the due date (month and day) based on the initial test date or more frequently as stated in the NOC/NOV letter.</p> <p>If the Commissioner sets a test frequency at less than every 60 months, the Permittee must apply for an administrative amendment to incorporate the prescribed test frequency into the permit. A major amendment is required to reduce the test frequency once set in the permit.</p> <p>The performance test shall be conducted at worst-case conditions defined at Minn. R. 7017.2005, subp. 8 or at the operating conditions described at Minn. R. 7017.2025, subp. 2, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval.</p> <p>Testing shall be completed on two members of COMG 3. Testing shall be completed on a rotating basis such that no single silo within COMG 3 is tested twice before all other silos have been tested once.</p> <p>Testing conducted during the 60 days prior to a performance test due date will not reset the due date for future testing.</p>

Requirement number	Requirement and citation
	<p>Testing conducted more than 60 days prior to the specified due date satisfies this test due date requirement but will reset future performance test due dates based on the most recent performance test date.</p> <p>This requirement expires upon startup of the Project. [40 CFR pt. 51, Minn. R. 7017.2020, subp. 1, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>
COMG 4	Bucket Elevator and Silo 3 Operations
6.4.1	<p>PM < 10 micron: The Permittee shall conduct an initial performance test due 180 calendar days after startup of the Project and at a minimum every 60 months thereafter to verify the emission factor of 0.0000863 lb/ton. Testing shall be completed on simultaneous operation of EQUI 5 and EQUI 11. The emission factor value applies individually to STRU 12 and STRU 32.</p> <p>The Commissioner will set the subsequent test frequency as stated in a Notice of Compliance (NOC) or Notice of Verification (NOV) letter with review of the initial performance test. Subsequent tests shall be completed no less than every 60-months by the due date (month and day) based on the initial test date or more frequently as stated in the NOC/NOV letter.</p> <p>If the Commissioner sets a test frequency at less than every 60 months, the Permittee must apply for an administrative amendment to incorporate the prescribed test frequency into the permit. A major amendment is required to reduce the test frequency once set in the permit.</p> <p>The performance test shall be conducted at worst-case conditions defined at Minn. R. 7017.2005, subp. 8 or at the operating conditions described at Minn. R. 7017.2025, subp. 2, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval.</p> <p>Testing conducted during the 60 days prior to a performance test due date will not reset the due date for future testing.</p> <p>Testing conducted more than 60 days prior to the specified due date satisfies this test due date requirement but will reset future performance test due dates based on the most recent performance test date. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Minn. R. 7017.2020, subp. 1, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
6.4.3	<p>PM < 10 micron: The Permittee shall conduct an initial performance test due 180 calendar days after startup of the Project and at a minimum every 60 months thereafter to measure emissions. Testing shall be completed on simultaneous operation of EQUI 5 and EQUI 11 with emissions measured from STRU 12 and STRU 32 combined.</p> <p>The Commissioner will set the subsequent test frequency as stated in a Notice of Compliance (NOC) or Notice of Verification (NOV) letter with review of the initial performance test. Subsequent tests shall be completed no less than every 60-months by the due date (month and day) based on the initial test date or more frequently as stated in the NOC/NOV letter.</p> <p>If the Commissioner sets a test frequency at less than every 60 months, the Permittee must apply for an administrative amendment to incorporate the prescribed test frequency into the permit. A major amendment is required to reduce the test frequency once set in the permit.</p> <p>The performance test shall be conducted at worst-case conditions defined at Minn. R. 7017.2005, subp. 8 or at the operating conditions described at Minn. R. 7017.2025, subp. 2, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval.</p> <p>Testing conducted during the 60 days prior to a performance test due date will not reset the due date for future testing.</p> <p>Testing conducted more than 60 days prior to the specified due date satisfies this test due date requirement but will reset future performance test due dates based on the most recent performance test date.</p> <p>See PM10 Performance Test Corrective Actions requirement under section 6 at TFAC 1. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Minn. R. 7017.2020, subp. 1, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
EQUI 4	Truck Loading Operations
6.5.1	<p>PM < 10 micron: The Permittee shall conduct an initial performance test due 180 calendar days after startup of the Project and at a minimum every 60 months thereafter to verify the emission factor of 0.0000863 lb/ton.</p> <p>The Commissioner will set the subsequent test frequency as stated in a Notice of Compliance (NOC) or Notice of Verification (NOV) letter with review of the initial performance test. Subsequent tests shall be completed no less than every 60-months by the due date (month and day) based on the initial test date or more frequently as stated in the NOC/NOV letter.</p> <p>If the Commissioner sets a test frequency at less than every 60 months, the Permittee must apply for an administrative amendment to incorporate the prescribed test frequency into the permit. A major amendment is required to reduce the test frequency once set in the permit.</p> <p>The performance test shall be conducted at worst-case conditions defined at Minn. R. 7017.2005, subp. 8 or at the operating conditions described at Minn. R. 7017.2025, subp. 2, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval.</p> <p>Testing conducted during the 60 days prior to a performance test due date will not reset the due date for future testing.</p> <p>Testing conducted more than 60 days prior to the specified due date satisfies this test due date requirement but will reset future performance test due dates based on the most recent performance test date. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Minn. R. 7017.2020, subp. 1, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation
6.5.3	<p data-bbox="415 489 1515 548">PM < 10 micron: The Permittee shall conduct an initial performance test due 180 calendar days after startup of the Project and at a minimum every 60 months thereafter to measure emissions.</p> <p data-bbox="415 590 1523 709">The Commissioner will set the subsequent test frequency as stated in a Notice of Compliance (NOC) or Notice of Verification (NOV) letter with review of the initial performance test. Subsequent tests shall be completed no less than every 60-months by the due date (month and day) based on the initial test date or more frequently as stated in the NOC/NOV letter.</p> <p data-bbox="415 751 1515 842">If the Commissioner sets a test frequency at less than every 60 months, the Permittee must apply for an administrative amendment to incorporate the prescribed test frequency into the permit. A major amendment is required to reduce the test frequency once set in the permit.</p> <p data-bbox="415 884 1515 974">The performance test shall be conducted at worst-case conditions defined at Minn. R. 7017.2005, subp. 8 or at the operating conditions described at Minn. R. 7017.2025, subp. 2, using EPA Reference Methods 201A and 202, or other method approved by MPCA in the performance test plan approval.</p> <p data-bbox="415 1016 1515 1066">Testing conducted during the 60 days prior to a performance test due date will not reset the due date for future testing.</p> <p data-bbox="415 1108 1515 1199">Testing conducted more than 60 days prior to the specified due date satisfies this test due date requirement but will reset future performance test due dates based on the most recent performance test date.</p> <p data-bbox="415 1241 1515 1325">See PM10 Performance Test Corrective Actions requirement under section 6 at TFAC 1. [40 CFR pt. 51, Minn. R. 7007.0800, subp. 2(A)&(B), Minn. R. 7017.2020, subp. 1, Title I Condition: 40 CFR 50.6(PM10 SIP), Title I Condition: 40 CFR pt. 52, subp. Y]</p>

Requirement number	Requirement and citation

Requirement number	Requirement and citation

7. Appendices

Appendix A: Title I Condition: State Implementation Plan (SIP) for PM10 NAAQS.

Table 1: PM₁₀ Point Source Modeling Parameters Relied Upon in 2006 Modeling to Demonstrate Compliance with NAAQS

Source ID	EQUI; STRU; TREA	Source Description	Emission Rate		Location UTM NAD83		Base Elev (m)	Stack Height (m)	Stack Temp (K)	Stack Exit Vel. (m/s)	Stack Dia (m)
			g/s	lb/hr	X (m)	Y (m)					
SILO1	EQUI 1; STRU 1; TREA 1	Silo No. 1 (new material)	0.0318	0.25	496283.1	4975465	213	25.6	293	9.7	0.305
SILO2	EQUI 2; STRU 2; TREA 2	Silo No. 2 (new material)	0.0318	0.25	496289.7	4975468	213	25.6	293	9.7	0.305
SILO3_6	EQUI 3; STRU 3; TREA 3	Silo No. 3-6 (fly ash)	0.1058	0.84	496279.2	4975480	213	31.09	293	31.35	0.309
PM₁₀ Volume Source Modeling Parameters											
Source ID	FUGI	Source Description	Emission Rate		Location UTM NAD83		Base Elev (m)	Release Height (m)	σ_y (m)	σ_z (m)	
			g/s	lb/hr	X (m)	Y (m)					
UNLOAD	EQUI 4	Silo Unloading and Truck Loading	4.25E-03	3.37E-02	496285.3	4975474	213	3	1.41	1.39	
TRUCK	FUGI 2 TREA 4	Fugitive Emissions from Truck Traffic	8.58E-03	6.81E-02	496285.3	4975474	213	1	11.4	0.85	

Table 2: PM₁₀ and PM_{2.5} Point Source Modeling Parameters Relied Upon in 2020 SIL Analysis

Permit ID	Source Description	Pollutant	Averaging Time	Emission Rate		Location UTM NAD83		Stack Height (m)	Stack Temp (K)	Stack Exit Vel. (m/s)	Stack Dia (m)	Flow Rate (ACFM)
				g/s	lb/hr	X (m)	Y (m)					
STRU 10	Silo 4 (EQUI 6, TREA 8)	PM ₁₀ and PM _{2.5}	24-hr	0.0006	0.0045	496,270	4,975,470	29.9	293	19.1	0.34	3,640
		PM ₁₀ and PM _{2.5}	Annual	0.0005	0.0037							
STRU 11	Truck loading operation (EQUI 4, TREA 9)	PM ₁₀ and PM _{2.5}	24-hr	0.0011	0.009	496,281	4,975,470	27.4	293	32.1	0.18	1,800
		PM ₁₀ and PM _{2.5}	Annual	0.0009	0.0073							
STRU 12	Bucket elevator operation (EQUI 5, TREA 10)	PM ₁₀ and PM _{2.5}	24-hr	0.0004	0.0031	496,264	4,975,479	6.1	293	7.2	0.49	2,900
		PM ₁₀ and PM _{2.5}	Annual	0.0003	0.0027							
STRU 13	Silo 9 (EQUI 8, TREA 11)	PM ₁₀ and PM _{2.5}	24-hr	0.0011	0.009	496,278	4,975,489	29.9	293	18.2	0.49	7,275
		PM ₁₀ and PM _{2.5}	Annual	0.0009	0.0073							
STRU 14	Silo 8 (EQUI 9, TREA 12)	PM ₁₀ and PM _{2.5}	24-hr	0.0011	0.009	496,269	4,975,482	29.9	293	18.2	0.49	7,275
		PM ₁₀ and PM _{2.5}	Annual	0.0009	0.0073							
STRU 15	Silo 7 (EQUI 10, TREA 13)	PM ₁₀ and PM _{2.5}	24-hr	0.0011	0.009	496,260	4,975,475	29.9	293	18.2	0.49	7,275
		PM ₁₀ and PM _{2.5}	Annual	0.0009	0.0073							
STRU 28	Silo 5 (EQUI 2, TREA 6)	PM ₁₀ and PM _{2.5}	24-hr	0.0011	0.009	496,283	4,975,458	25.3	293	19.1	0.34	3,640
		PM ₁₀ and PM _{2.5}	Annual	0.0009	0.0073							
STRU 29	Silo 6 (EQUI 1, TREA 5)	PM ₁₀ and PM _{2.5}	24-hr	0.0011	0.009	496,292	4,975,467	25.3	293	19.1	0.34	3,640
		PM ₁₀ and PM _{2.5}	Annual	0.0009	0.0073							

STRU 30	Silo 1 (EQUI 7, TREA 7)	PM ₁₀ and PM _{2.5}	24-hr	0.0011	0.009	496,286	4,975,485	29.9	293	19.1	0.34	3,640
		PM ₁₀ and PM _{2.5}	Annual	0.0009	0.0073							
STRU 31	Silo 4 (EQUI 6, TREA 14)	PM ₁₀ and PM _{2.5}	24-hr	0.0006	0.0045	496,266	4,975,466	29.9	293	19.1	0.34	3,640
		PM ₁₀ and PM _{2.5}	Annual	0.0005	0.0037							
STRU 32	Silo 3 (EQUI 11, TREA 15)	PM ₁₀ and PM _{2.5}	24-hr	0.0001	0.0008	496,271	4,975,471	25.3	293	3.9	0.34	750
		PM ₁₀ and PM _{2.5}	Annual	0.0001	0.0007							
STRU 33	Silo 2 (EQUI 12, TREA 16)	PM ₁₀ and PM _{2.5}	24-hr	0.0011	0.009	496,277	4,975,477	29.9	293	19.1	0.34	3,640
		PM ₁₀ and PM _{2.5}	Annual	0.0009	0.0073							