

**MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY  
AIR QUALITY DIVISION**

July 24, 2023

**PERMIT TO INSTALL**  
119-19C

**ISSUED TO**  
The Andersons Marathon Holdings LLC

**LOCATED AT**  
26250 B. Drive North  
Sheridan Township, Michigan 49224

**IN THE COUNTY OF**  
Calhoun

**STATE REGISTRATION NUMBER**  
B8570

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environment, Great Lakes, and Energy. This permit is hereby issued in accordance with and subject to Section 5505(1) of Article II, Chapter I, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Pursuant to Air Pollution Control Rule 336.1201(1), this permit constitutes the permittee's authority to install the identified emission unit(s) in accordance with all administrative rules of the Department and the attached conditions. Operation of the emission unit(s) identified in this Permit to Install is allowed pursuant to Rule 336.1201(6).

|   |            |
|---|------------|
| DATE OF RECEIPT OF ALL INFORMATION REQUIRED BY RULE 203:<br><b>April 24, 2023</b> |            |
| DATE PERMIT TO INSTALL APPROVED:<br><b>July 24, 2023</b>                          | SIGNATURE: |
| DATE PERMIT VOIDED:   | SIGNATURE: |
| DATE PERMIT REVOKED:  | SIGNATURE: |

## PERMIT TO INSTALL

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## COMMON ACRONYMS

|                            |   |
|----------------------------|---|
| AQD                        | Air Quality Division  |
| BACT                       | Best Available Control Technology                           |
| CAA                        | Clean Air Act   |
| CAM                        | Compliance Assurance Monitoring                             |
| CEMS                       | Continuous Emission Monitoring System                       |
| CFR                        | Code of Federal Regulations                                 |
| COMS                       | Continuous Opacity Monitoring System                        |
| Department/department/EGLE | Michigan Department of Environment, Great Lakes, and Energy |
| EU                         | Emission Unit   |
| FG                         | Flexible Group  |
| GACS                       | Gallons of Applied Coating Solids                           |
| GC                         | General Condition   |
| GHGs                       | Greenhouse Gases  |
| HVLP                       | High Volume Low Pressure*                                   |
| ID                         | Identification  |
| IRSL                       | Initial Risk Screening Level                                |
| ITSL                       | Initial Threshold Screening Level                           |
| LAER                       | Lowest Achievable Emission Rate                             |
| MACT                       | Maximum Achievable Control Technology                       |
| MAERS                      | Michigan Air Emissions Reporting System                     |
| MAP                        | Malfunction Abatement Plan                                  |
| MSDS                       | Material Safety Data Sheet                                  |
| NA                         | Not Applicable  |
| NAAQS                      | National Ambient Air Quality Standards                      |
| NESHAP                     | National Emission Standard for Hazardous Air Pollutants     |
| NSPS                       | New Source Performance Standards                            |
| NSR                        | New Source Review   |
| PS                         | Performance Specification                                   |
| PSD                        | Prevention of Significant Deterioration                     |
| PTE                        | Permanent Total Enclosure                                   |
| PTI                        | Permit to Install   |
| RACT                       | Reasonable Available Control Technology                     |
| ROP                        | Renewable Operating Permit                                  |
| SC                         | Special Condition   |
| SCR                        | Selective Catalytic Reduction                               |
| SNCR                       | Selective Non-Catalytic Reduction                           |
| SRN                        | State Registration Number                                   |
| TBD                        | To Be Determined  |
| TEQ                        | Toxicity Equivalence Quotient                               |
| USEPA/EPA                  | United States Environmental Protection Agency               |
| VE                         | Visible Emissions   |

\*For HVLP applicators, the pressure measured at the gun air cap shall not exceed 10 psig.

## POLLUTANT / MEASUREMENT ABBREVIATIONS

|                  |  |
|------------------|--|
| acfm             | Actual cubic feet per minute                                     |
| BTU              | British Thermal Unit   |
| °C               | Degrees Celsius  |
| CO               | Carbon Monoxide  |
| CO <sub>2e</sub> | Carbon Dioxide Equivalent  |
| dscf             | Dry standard cubic foot  |
| dscm             | Dry standard cubic meter   |
| °F               | Degrees Fahrenheit   |
| gr               | Grains   |
| HAP              | Hazardous Air Pollutant  |
| Hg               | Mercury  |
| hr               | Hour   |
| HP               | Horsepower   |
| H <sub>2</sub> S | Hydrogen Sulfide   |
| kW               | Kilowatt   |
| lb               | Pound  |
| m                | Meter  |
| mg               | Milligram  |
| mm               | Millimeter   |
| MM               | Million  |
| MW               | Megawatts  |
| NMOC             | Non-Methane Organic Compounds                                    |
| NO <sub>x</sub>  | Oxides of Nitrogen   |
| ng               | Nanogram   |
| PM               | Particulate Matter   |
| PM10             | Particulate Matter equal to or less than 10 microns in diameter  |
| PM2.5            | Particulate Matter equal to or less than 2.5 microns in diameter |
| pph              | Pounds per hour  |
| ppm              | Parts per million  |
| ppmv             | Parts per million by volume                                      |
| ppmw             | Parts per million by weight                                      |
| psia             | Pounds per square inch absolute                                  |
| psig             | Pounds per square inch gauge                                     |
| scf              | Standard cubic feet  |
| sec              | Seconds  |
| SO <sub>2</sub>  | Sulfur Dioxide   |
| TAC              | Toxic Air Contaminant  |
| Temp             | Temperature  |
| THC              | Total Hydrocarbons   |
| tpy              | Tons per year  |
| µg               | Microgram  |
| µm               | Micrometer or Micron   |
| VOC              | Volatile Organic Compounds                                       |
| yr               | Year   |

## GENERAL CONDITIONS

1. The process or process equipment covered by this permit shall not be reconstructed, relocated, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule. **(R 336.1201(1))**
2. If the installation, construction, reconstruction, relocation, or modification of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the permittee or the designated authorized agent shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environment, Great Lakes, and Energy, P.O. Box 30260, Lansing, Michigan 48909-7760, if it is decided not to pursue the installation, construction, reconstruction, relocation, or modification of the equipment allowed by this Permit to Install. **(R 336.1201(4))**
3. If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to Rule 210 (R 336.1210), operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install. **(R 336.1201(6)(b))**
4. The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Department's rules or the Clean Air Act. **(R 336.1201(8), Section 5510 of Act 451, PA 1994)**
5. The terms and conditions of this Permit to Install shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by this Permit to Install. If the new owner or operator submits a written request to the Department pursuant to Rule 219 and the Department approves the request, this permit will be amended to reflect the change of ownership or operational control. The request must include all of the information required by subrules (1)(a), (b), and (c) of Rule 219 and shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environment, Great Lakes, and Energy. **(R 336.1219)**
6. Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property. **(R 336.1901)**
7. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the Department. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the Department within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal condition or malfunction has been corrected, or within 30 days of discovery of the abnormal condition or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5). **(R 336.1912)**
8. Approval of this permit does not exempt the permittee from complying with any future applicable requirements which may be promulgated under Part 55 of 1994 PA 451, as amended or the Federal Clean Air Act.
9. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
10. Operation of this equipment may be subject to other requirements of Part 55 of 1994 PA 451, as amended and the rules promulgated thereunder.

11. Except as provided in subrules (2) and (3) or unless the special conditions of the Permit to Install include an alternate opacity limit established pursuant to subrule (4) of Rule 301, the permittee shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with Rule 303 (R 336.1303). **(R 336.1301)**
  - a) A six-minute average of 20 percent opacity, except for one six-minute average per hour of not more than 27 percent opacity.
  - b) A visible emission limit specified by an applicable federal new source performance standard.
  - c) A visible emission limit specified as a condition of this Permit to Install.
12. Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in Rule 370(2). **(R 336.1370)**
13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with Rule 1001 and Rule 1003, under any of the conditions listed in Rule 1001. **(R 336.2001)**

## EMISSION UNIT SPECIAL CONDITIONS

### EMISSION UNIT SUMMARY TABLE

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

| Emission Unit ID | Emission Unit Description<br>(Including Process Equipment & Control Device(s))   | Installation Date /<br>Modification Date | Flexible Group ID |
|------------------|--|--|-------------------|
| EU-GRAINRECEIVE  | Grain receiving - two truck unloading enclosures, each with a capacity of 15,000 bushel/hr, each with one receiving pit located at the grain elevator. The operation is controlled by baghouse C-201.  | 10-01-1981 /<br>10-22-2019               | NA                |
| EU-TRUCKPIT      | Corn receiving truck pit, controlled by baghouse C-20.   | 08-01-06,<br>02-16-11                    | FGC-20            |
| EU-RECEIVINGCONV | Corn receiving conveyor. This conveyor is below grade and completely enclosed.   | 08-01-06 /<br>02-16-11 /<br>10-22-2019   | FGENCLOSEDCONV    |
| EU-CORNELEV1     | Corn elevator #1, controlled by baghouse C-20.   | 08-01-06                                 | FGC-20            |
| EU-CORNELEV2     | Corn elevator #2. This conveyor is enclosed, with the exception of exhaust to baghouse C-20.   | 08-01-06 /<br>10-19-2019                 | FGC-20            |
| EU-CORNBIN1      | Corn bin #1  | 08-01-06 /<br>07-20-2020 /<br>02-03-21   | FGCORNBINS        |
| EU-CORNBIN2      | Corn bin #2  | 08-01-06 /<br>07-20-2020 /<br>02-03-21   | FGCORNBINS        |
| EU-TRANSCONV1    | Corn transfer conveyor #1 for transfer of corn from Corn Scalper #2 to Corn Transfer Conveyor #2. This conveyor is enclosed.   | 12-16-15                                 | FGENCLOSEDCONV    |
| EU-TRANSCONV2    | Corn transfer conveyor #2 for transfer of corn from Corn Transfer Conveyor #1 to Day Bin #3. This conveyor is enclosed.  | 12-16-15                                 | FGENCLOSEDCONV    |
| EU-REDIRECTCONV  | A screw conveyor to redirect grain collected by the Corn Receiving Baghouse, C-20, to the downstream liquid process units. This process occurs when the upstream grain receiving and handling operations are offline. This conveyor is enclosed. | 10-22-2019                               | FGENCLOSEDCONV    |
| EU-BINEMPTCONV1  | Formerly EU-BINEMPTCONV. Bin emptying conveyor #1. This conveyor is below grade and completely enclosed.   | 08-01-06                                 | FGENCLOSEDCONV    |
| EU-BINEMPTCONV2  | Bin emptying conveyor #2. This conveyor is below grade and completely enclosed.  | 08-01-06                                 | FGENCLOSEDCONV    |
| EU-SCALPER1      | Formerly EU-SCREEN. Corn scalper #1, controlled by baghouse C-30.  | 08-01-06                                 | FGC-30            |

| Emission Unit ID | Emission Unit Description<br>(Including Process Equipment & Control Device(s))                   | Installation Date /<br>Modification Date | Flexible Group ID |
|------------------|--|--|-------------------|
| EU-SCALPER2      | Corn scalper #2, controlled by baghouse C-30   | 08-01-06                                 | FGC-30            |
| EU-DAYBIN1       | Formerly EU-DAYBIN. Corn Surge/Day Bin #1. This bin is controlled by baghouse C-30.              | 08-01-06                                 | FGC-30            |
| EU-DAYBIN2       | Corn Surge/Day Bin #2. This bin is controlled by baghouse C-30.                                  | 08-02-06                                 | FGC-30            |
| EU-DAYBIN3       | Corn Surge/Day Bin #3. This bin is completely enclosed.  | 12-17-15                                 | NA                |
| EU-MILL1         | Hammermill #1, controlled by baghouse C-30.  | 08-01-06                                 | FGC-30            |
| EU-MILL2         | Hammermill #2, controlled by baghouse C-30.  | 08-01-06                                 | FGC-30            |
| EU-MILL3         | Hammermill #3, controlled by baghouse C-30.  | 08-01-06                                 | FGC-30            |
| EU-MILL4         | Hammermill #4, controlled by baghouse C-30.  | 10-11-10                                 | FGC-30            |
| EU-FEED          | Flour conveyor, controlled by baghouse C-30  | 08-01-06                                 | FGC-30            |
| EU-DIESELPUMP2   | 332-HP diesel fired emergency fire water pump. This pump was previously permitted under 144-15C. | 12-16-15                                 | NA                |

Changes to the equipment described in this table are subject to the requirements of R 336.1201, except as allowed by R 336.1278 to R 336.1291.

**EU-GRAINRECEIVE  
 EMISSION UNIT CONDITIONS**

**DESCRIPTION**

Grain receiving - two truck unloading enclosures, each with a capacity of 15,000 bushel/hr, with one receiving pit located at the grain elevator. The operation is controlled by baghouse C-201.

**Flexible Group ID:** NA

**POLLUTION CONTROL EQUIPMENT**

Baghouse C-201

**I. EMISSION LIMIT(S)**

| <b>Pollutant</b>     | <b>Limit</b>      | <b>Time Period / Operating Scenario</b> | <b>Equipment</b> | <b>Monitoring / Testing Method</b> | <b>Underlying Applicable Requirements</b>   |
|----------------------|-------------------|---|------------------|------------------------------------|---|
| 1. Visible Emissions | 5 percent opacity | Six-minute average                      | EU-GRAINRECEIVE  | SC VI.1                            | R 336.1205(1),<br>R 336.1301,<br>R 336.1901 |

**II. MATERIAL LIMIT(S)**

| <b>Material</b>   | <b>Limit</b>       | <b>Time Period / Operating Scenario</b>                                      | <b>Equipment</b> | <b>Monitoring / Testing Method</b> | <b>Underlying Applicable Requirements</b> |
|-------------------|--------------------|--|------------------|------------------------------------|---|
| 1. Grain Received | 34 million bushels | 12-month rolling time period as determined at the end of each calendar month | EU-GRAINRECEIVE  | SC VI.3                            | R 336.1205(1),<br>40 CFR 52.21 (c) & (d)  |

**III. PROCESS/OPERATIONAL RESTRICTION(S)**

1. The applicant shall not operate EU-GRAINRECEIVE unless the program for continuous fugitive emissions control for all plant roadways, the plant yard, all material storage piles, and all material handling operations specified in Appendix 9 has been implemented and is maintained. **(R 336.1205(1), R 336.1901, R 336.1911)**

**IV. DESIGN/EQUIPMENT PARAMETER(S)**

1. The applicant shall equip and maintain the open end of the truck unloading enclosure portions of EU-GRAINRECEIVE with a canvas barrier or other such device to close off as much as possible the open doorway while truck unloading occurs. **(R 336.1205(1), R 336.1301, R 336.1901, R 336.1910)**
2. The permittee shall not operate the receiving pit portion of EU-GRAINRECEIVE unless the elevator baghouse C-201 is installed, maintained, and operated in a satisfactory manner. Satisfactory operation of the elevator baghouse C-201 includes maintaining it according to the malfunction abatement plant (MAP). **(R 336.1205(1), R 336.1331, R 336.1910)**

**V. TESTING/SAMPLING**

Records shall be maintained on file for a period of five years. (R 336.1201(3))

NA

**VI. MONITORING/RECORDKEEPING**

Records shall be maintained on file for a period of five years. (R 336.1201(3))

1. The permittee shall conduct a monthly one-minute visible emissions observation of the EU-GRAINRECEIVE vents during routine operating conditions. For the purpose of this condition, such observations shall follow the procedures to record the reading, perform maintenance, and eliminate visible emissions outlined in Appendix 3. If an observation reveals any visible emissions from the vent (other than uncombined water vapor), the permittee shall inspect the particulate control system and perform any maintenance required to eliminate visible emissions. (R 336.1205(1), R 336.1301)
2. The permittee shall keep, in a satisfactory manner, records of all visible emission readings for EU-GRAINRECEIVE. At a minimum, records shall include the date, time, name of observer/reader, whether the reader is certified, and status of visible emissions. The permittee shall keep all records on file and make them available to the Department upon request. (R 336.1205(1), R 336.1301)
3. The permittee shall keep, in a satisfactory manner, monthly and 12-month rolling time period records of the bushels of grain received in EU-GRAINRECEIVE. The permittee shall keep all records on file and make them available to the Department upon request. (R 336.1205(1), 40 CFR 52.21(c) & (d))

**VII. REPORTING**

NA

**VIII. STACK/VENT RESTRICTION(S)**

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

| <b>Stack &amp; Vent ID</b> | <b>Maximum Exhaust Diameter / Dimensions (inches)</b> | <b>Minimum Height Above Ground (feet)</b> | <b>Underlying Applicable Requirements</b> |
|----------------------------|---|---|---|
| 1. S-201A                  | 43  | 65  | 40 CFR 52.21(c) & (d)                     |

**IX. OTHER REQUIREMENT(S)**

NA

**Footnotes:**

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

|  |
|--|
| <b>EU-DAYBIN3<br/>EMISSION UNIT CONDITIONS</b> |
|--|

**DESCRIPTION**

Corn Surge / Day Bin #3. This surge bin is completely enclosed.

Flexible Group: NA

**POLLUTION CONTROL EQUIPMENT**

NA

**I. EMISSION LIMIT(S)**

NA

**II. MATERIAL LIMIT(S)**

NA

**III. PROCESS/OPERATIONAL RESTRICTION(S)**

NA

**IV. DESIGN/EQUIPMENT PARAMETER(S)**

1. The permittee shall not operate EU-DAYBIN3 unless the bin is enclosed. (R 336.1205(1), R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))

**V. TESTING/SAMPLING**

Records shall be maintained on file for a period of five years. (R 336.1201(3))

NA

**VI. MONITORING/RECORDKEEPING**

Records shall be maintained on file for a period of five years. (R 336.1201(3))

NA

**VII. REPORTING**

NA

**VIII. STACK/VENT RESTRICTION(S)**

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

NA

**IX. OTHER REQUIREMENT(S)**

NA

**Footnotes:**

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

**EU-DIESELPUMP2  
 EMISSION UNIT CONDITIONS**

**DESCRIPTION:** 332-HP diesel fired emergency fire water pump. This pump was previously permitted under PTI 144-15C.

Flexible Group ID: NA

**POLLUTION CONTROL EQUIPMENT:**

NA

**I. EMISSION LIMIT(S)**

| Pollutant     | Limit        | Time Period/<br>Operating Scenario | Equipment      | Monitoring/<br>Testing<br>Method | Underlying<br>Applicable<br>Requirements |
|---------------|--------------|------------------------------------|----------------|----------------------------------|--|
| 1. NMHC + NOx | 3.0 g/HP-hr  | Test Protocol                      | EU-DIESELPUMP2 | SC V.1, VI.2                     | 40 CFR<br>60.4205(c)                     |
| 2. PM         | 0.15 g/HP-hr | Test Protocol                      | EU-DIESELPUMP2 | SC V.1, VI.2                     | 40 CFR<br>60.4205(c)                     |

**II. MATERIAL LIMIT(S)**

| Material       | Limit                                  | Time Period/<br>Operating<br>Scenario | Equipment      | Monitoring/<br>Testing<br>Method | Underlying<br>Applicable<br>Requirements |
|----------------|--|---------------------------------------|----------------|----------------------------------|--|
| 1. Diesel Fuel | Sulfur content shall not exceed 15 ppm | Instantaneous                         | EU-DIESELPUMP2 | SC VI.3                          | 40 CFR<br>60.4207(b)                     |

**III. PROCESS/OPERATIONAL RESTRICTION(S)**

1. The permittee shall not operate EU-DIESELPUMP2 for more than 500 hours per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1), R 336.1225, 40 CFR 52.21 (c) & (d))**
2. The permittee shall operate and maintain EU-DIESELPUMP2 so that it achieves the emission standards as required in 40 CFR 60.4205 over the entire life of the engine. **(40 CFR 60.4206)**
3. The permittee shall maintain and operate EU-DIESELPUMP2 per the manufacturer's emission related written instructions. **(40 CFR 60.4211(a)(1))**
4. The permittee shall operate EU-DIESELPUMP2 according to the requirements in 40 CFR 60.4211(f)(1) through (3). In order for EU-DIESELPUMP2 to be considered an emergency stationary ICE under the subpart, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for over 50 hours per year, as described in paragraphs 40 CFR 60.4211(f)(1) through (3), is prohibited. If the permittee does not operate the engine according to the requirements in paragraphs 40 CFR 60.4211(f)(1) through (3), the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines. (Other than the hours limitation in Condition III.1) There is no time limit on the use of EU-DIESELPUMP2 in emergency situations. **(40 CFR 60.4211(f), 40 CFR 60.4211(f)(1))**

5. The permittee may operate EU-DIESELPUMP2 for any combination of the purposes specified in 40 CFR 60.4211(f)(2)(i) through (iii) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph 60.4211(f)(3) of this section counts as part of the 100 hours per calendar year allowed. **(40 CFR 60.4211(f)(2))**:
  - a) EU-DIESELPUMP2 may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.
  
6. The permittee may operate EU-DIESELPUMP2 for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in SC III.5. Except as provided in 40 CFR 60.4211(f)(3)(i), the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity. As specified in 40 CFR 60.4211(f)(3)(i), the 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met: **(40 CFR 60.4211(f)(3))**
  - a) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.
  - b) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
  - c) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.
  - d) The power is provided only to the facility itself or to support the local transmission and distribution system.
  - e) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

#### **IV. DESIGN/EQUIPMENT PARAMETER(S)**

1. The permittee shall install a non-resettable hour meter on EU-DIESELPUMP2 prior to startup of the engine. **(40 CFR 60.4209(a))**

#### **V. TESTING/SAMPLING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. Within 180 days after commencement of trial operation of EU-DIESELPUMP2, the permittee shall verify NMHC + NO<sub>x</sub>, CO and PM emission rates from EU-DIESELPUMP2, by testing at owner's expense, in accordance with Department requirements or by providing manufacturer certification documentation as required in Condition VI.2. If testing is to be performed, the permittee must submit a complete stack-testing plan to the AQD. No less than 60 days prior to testing, the permittee must submit a complete stack-testing plan to the AQD. The AQD must approve the final plan prior to testing. Verification of emission rates includes the submittal of a complete report of the test results to the AQD within 60 days following the last date of the test. **(R 336.2001, 40 CFR 52.21 (c) & (d), 40 CFR 60.4211)**

**VI. MONITORING/RECORDKEEPING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall keep in a satisfactory manner, records of hours of operation recorded through the non-resettable hour meter. The permittee shall document how many hours were spent during emergency operation, non-emergency operation and demand response operation. The permittee shall keep all records on file and make them available to the department upon request. **(40 CFR 60.4214(b))**
2. The permittee shall keep, in a satisfactory manner, the following records for EU-DIESELPUMP2:
  - a) For a certified engine: The permittee shall keep records of the manufacturer certification documentation.

The permittee shall keep all records on file and make them available to the Department upon request. **(40 CFR 60.4211)**

3. The permittee shall keep, in a satisfactory manner, the following records of maintenance activity for EU-DIESELPUMP2:
  - a) For a certified engine: The permittee shall keep records of the manufacturer's emission-related written instructions, and records demonstrating that the engine has been maintained according to those instructions, as specified in SC III.4.

The permittee shall keep all records on file and make them available to the Department upon request. **(40 CFR 60.4211)**

4. The permittee shall keep, in a satisfactory manner, monthly and 12-month rolling time period records of the hours of operation for EU-DIESELPUMP2. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(1), R 336.1225, R 336.2803, R 336.2804, 40 CFR 52.21(c) &(d))**

**VII. REPORTING**

N/A

**VIII. STACK/VENT RESTRICTION(S)**

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

| <b>Stack &amp; Vent ID</b> | <b>Maximum Exhaust Dimensions (inches)</b> | <b>Minimum Height Above Ground (feet)</b> | <b>Underlying Applicable Requirements</b> |
|----------------------------|--|---|---|
| 1. S-130                   | 6.5 <sup>2</sup>                           | 9 <sup>2</sup>                            | 40 CFR 52.21 (c) & (d)                    |

**IX. OTHER REQUIREMENT(S)**

1. The permittee shall comply with all provisions of the federal National Emission Standards for Stationary Reciprocating Internal Combustion Engines as specified in 40 CFR Part 63 Subparts A and ZZZZ, as they apply to the equipment in EU-DIESELPUMP2. **(40 CFR Part 63 Subparts A & ZZZZ)**
2. The permittee shall comply with all provisions of the federal Standards of Performance for Stationary Compression Ignition Internal Combustion Engines as specified in 40 CFR Part 60 Subparts A and IIII, as they apply to the equipment in EU-DIESELPUMP2. **(40 CFR Part 60 Subparts A & IIII)**

**Footnotes:**

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

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

## FLEXIBLE GROUP SPECIAL CONDITIONS

### FLEXIBLE GROUP SUMMARY TABLE

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

| Flexible Group ID | Flexible Group Description  | Associated Emission Unit IDs   |
|-------------------|---|--|
| FGC-20            | Corn receiving, storage, and handling operations. All equipment is controlled by baghouse C-20. | EU-TRUCKPIT,<br>EU-CORNELEV1,<br>EU-CORNELEV2  |
| FG-CORNBINS       | Corn storage operations.  | EU-CORNBIN1,<br>EU-CORNBIN2  |
| FG-ENCLOSEDCONV   | Six corn transfer conveyors without emissions control equipment. These conveyors are enclosed.  | EU-RECEIVINGCONV,<br>EU-BINEMPTCONV1,<br>EU-BINEMPTCONV2,<br>EU-TRANSCONV1,<br>EU-TRANSCONV2,<br>EU-REDIRECTCONV |
| FGC-30            | Corn scalping, storage, and milling operations. All equipment is controlled by baghouse C-30.   | EU-SCALPER1,<br>EU-SCALPER2,<br>EU-DAYBIN1, EU-DAYBIN2,<br>EU-MILL1, EU-MILL2,<br>EU-MILL3, EU-MILL4,<br>EU-FEED |

**FGC-20  
FLEXIBLE GROUP CONDITIONS**

**DESCRIPTION**

Corn receiving, storage, and handling operations. All equipment is controlled by baghouse C-20.

**Emission Unit:** EU-TRUCKPIT, EU-CORNELEV1, EU-CORNELEV2

**POLLUTION CONTROL EQUIPMENT**

Grain Receiving and Handling Baghouse C-20.

**I. EMISSION LIMIT(S)**

| <b>Pollutant</b>     | <b>Limit</b>      | <b>Time Period / Operating Scenario</b> | <b>Equipment</b> | <b>Monitoring / Testing Method</b> | <b>Underlying Applicable Requirements</b> |
|----------------------|-------------------|---|------------------|------------------------------------|---|
| 1. PM10              | 0.78 pph          | Hourly                                  | FGC-20           | SC V.1, SC VI.1, SC VI.2, SC VI.3  | 40 CFR 52.21(c) and (d)                   |
| 2. PM2.5             | 0.78 pph          | Hourly                                  | FGC-20           | SC V.1, SC VI.1, SC VI.2, SC VI.3  | 40 CFR 52.21(d)                           |
| 3. Visible Emissions | 5 percent opacity | Six-minute average                      | FGC-20           | SC VI.1, SC VI.2                   | R 336.1301                                |

**II. MATERIAL LIMIT(S)**

NA

**III. PROCESS/OPERATIONAL RESTRICTION(S)**

NA

**IV. DESIGN/EQUIPMENT PARAMETER(S)**

1. The permittee shall not operate FGC-20 unless the grain handling baghouse C-20 is installed, maintained, and operated in a satisfactory manner. Satisfactory operation of the grain handling baghouse C-20 includes maintaining it according to the malfunction abatement plant (MAP). **(R 336.1205(1), R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**
2. The permittee shall equip and maintain baghouse C-20 with a differential pressure monitoring device. **(R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**
3. The applicant shall not operate FGC-20 unless the program for continuous fugitive emissions control for all plant roadways, the plant yard, all material storage piles, and all material handling operations specified in Appendix 9 has been implemented and is maintained.<sup>1</sup> **(R 336.1901)**

**V. TESTING/SAMPLING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. Upon request of the AQD District Supervisor, the permittee shall test for PM10 and PM2.5 emission rates from FGC-20, at owner's expense, in accordance with Department requirements. Testing shall be performed using an approved USEPA Method listed in:

| Pollutant  | Test Method Reference      |
|------------|----------------------------|
| PM10/PM2.5 | 40 CFR Part 51, Appendix M |

No less than 30 days prior to testing, a complete test plan shall be submitted to the AQD. The final plan must be approved by the AQD prior to testing. The permittee shall submit a complete report of the test results to the AQD within 60 days following the last date of the test. **(R 336.2001(3), R 336.2001(4))**

- The permittee shall notify the AQD Technical Programs Unit Supervisor and the District Supervisor not less than 30 days before testing of the time and place performance tests will be conducted. **(R 336.1213(3))**

**VI. MONITORING/RECORDKEEPING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

- The permittee shall conduct a monthly one-minute visible emissions observation of the FGC-20 vent during routine operating conditions. For the purpose of this condition, such observations shall follow the procedures to record the reading, perform maintenance, and eliminate visible emissions outlined in Appendix 3. If an observation reveals any visible emissions from the vent (other than uncombined water vapor), the permittee shall inspect the particulate control system and perform any maintenance required to eliminate visible emissions. **(R 336.1205(1), R 336.1301)**
- The permittee shall keep, in a satisfactory manner, records of all visible emission readings for FGC-20. At a minimum, records shall include the date, time, name of observer/reader, whether the reader is certified, status of visible emissions, and whether repairs were needed. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(1), R 336.1301)**
- The permittee shall install, calibrate, maintain, and operate in a satisfactory manner a device to monitor differential pressure across the dust collector. The permittee shall continuously measure the differential pressure and record a daily reading as an indicator of proper operation of the dust collector. The indicator range is 0.1 to 8.0 inches of water. An excursion is a departure from the indicator range. The monitor shall be calibrated once per year. **(R 336.1331, R 336.1910, 40 CFR 52.21(c) and (d))**

**VII. REPORTING**

NA

**VIII. STACK/VENT RESTRICTION(S)**

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

| Stack & Vent ID | Maximum Exhaust Diameter / Dimensions (inches) | Minimum Height Above Ground (feet) | Underlying Applicable Requirements |
|-----------------|--|------------------------------------|------------------------------------|
| 1. S-20         | 42   | 120                                | 40 CFR 52.21(c) & (d)              |

**IX. OTHER REQUIREMENT(S)**

NA

**Footnotes:**

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

**FG-CORNBINS  
FLEXIBLE GROUP CONDITIONS**

**DESCRIPTION**

Corn storage operations.

**Emission Units:** EU-CORNBIN1, EU-CORNBIN2

**POLLUTION CONTROL EQUIPMENT**

Bin vent filters

**I. EMISSION LIMIT(S)**

| Pollutant               | Limit                | Time Period/<br>Operating<br>Scenario | Equipment                              | Monitoring/<br>Testing Method | Underlying<br>Applicable<br>Requirements |
|-------------------------|----------------------|---------------------------------------|--|-------------------------------|--|
| 1. PM10                 | 0.011 pph            | Hourly                                | Each emission<br>unit in<br>FGCORNBINS | SC VI.1<br>SC VI.2            | 40 CFR 52.21(c) and<br>(d)               |
| 2. PM2.5                | 0.002 pph            | Hourly                                | Each emission<br>unit in<br>FGCORNBINS | SC VI.1<br>SC VI.2            | 40 CFR 52.21(d)                          |
| 3. Visible<br>Emissions | 5 percent<br>opacity | Six Minute<br>Average                 | Each emission<br>unit in<br>FGCORNBINS | SC VI.1<br>SC VI.2            | R 336.1301                               |

**II. MATERIAL LIMIT(S)**

NA

**III. PROCESS/OPERATIONAL RESTRICTION(S)**

NA

**IV. DESIGN/EQUIPMENT PARAMETER(S)**

1. The permittee shall not operate any EU in FGCORNBINS30 unless the respective bin vent filter is installed, maintained, and operated in a satisfactory manner. Satisfactory operation of the bin vent filters includes maintaining them according to the MAP. **(R 336.1205(1), R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**
2. The permittee shall equip and maintain each bin vent filter in FGCORNBINS with a differential pressure monitoring device. **(R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**

**V. TESTING/SAMPLING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

NA

**VI. MONITORING/RECORDKEEPING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall conduct a monthly one-minute visible emissions observation of each EU in FGCORNBINS during routine operating conditions. For the purpose of this condition, such observations shall follow the procedures to record the reading, perform maintenance, and eliminate visible emissions outlined in Appendix 3. If an observation reveals any visible emissions from the vent (other than uncombined water vapor), the permittee shall inspect the particulate control system and perform any maintenance required to eliminate visible emissions. **(R 336.1205(1), R 336.1301)**
2. The permittee shall keep, in a satisfactory manner, records of all visible emission readings for FGCORNBINS. At a minimum, records shall include the date, time, name of observer/reader, whether the reader is certified, status of visible emissions, and whether repairs were needed. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(1), R 336.1301)**
3. The permittee shall continuously monitor the differential pressure of each bin vent filter in FGCORNBINS during operation and record a monthly reading as an indicator of proper operation of the dust collector. The indicator range is 0.1 to 6.0 inches of water. An excursion is a departure from the indicator range. The monitor shall be calibrated once per year. **(R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**

**VII. REPORTING**

NA

**VIII. STACK/VENT RESTRICTION(S)**

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

| <b>Stack &amp; Vent ID</b> | <b>Maximum Exhaust Diameter / Dimensions (inches)</b> | <b>Minimum Height Above Ground (feet)</b> | <b>Underlying Applicable Requirements</b> |
|----------------------------|---|---|---|
| 1. SV-BINVENT1*            | 7.375 x 5.75  | 137                                       | 40 CFR 52.21(c) and (d)                   |
| 2. SV-BINVENT2*            | 7.375 x 5.75  | 137                                       | 40 CFR 52.21(c) and (d)                   |

\*This stack is not required to exhaust vertically.

**IX. OTHER REQUIREMENT(S)**

NA

**Footnotes:**

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

**FGC-30**  
**FLEXIBLE GROUP CONDITIONS**

**DESCRIPTION**

Corn scalping, storage, milling, and transfer operations. All equipment is controlled by baghouse C-30.

**Emission Unit:** EU-SCALPER1, EU-SCALPER2, EU-DAYBIN1, EU-DAYBIN2, EU-MILL1, EU-MILL2, EU-MILL3, EU-MILL4, EU-FEED

**POLLUTION CONTROL EQUIPMENT**

Milling Baghouse C-30

**I. EMISSION LIMIT(S)**

| Pollutant            | Limit             | Time Period / Operating Scenario | Equipment | Monitoring / Testing Method       | Underlying Applicable Requirements |
|----------------------|-------------------|----------------------------------|-----------|-----------------------------------|------------------------------------|
| 1. PM10              | 0.73 pph          | Hourly                           | FGC-30    | SC V.1, SC VI.1, SC VI.3, SC VI.4 | 40 CFR 52.21(c) & (d)              |
| 2. PM2.5             | 0.73 pph          | Hourly                           | FGC-30    | SC V.1, SC VI.1, SC VI.3, SC VI.4 | 40 CFR 52.21(d)                    |
| 3. Visible Emissions | 5 percent opacity | Six-minute average               | FGC-30    | SC VI.1, SC VI.3                  | R 336.1301                         |

**II. MATERIAL LIMIT(S)**

NA

**III. PROCESS/OPERATIONAL RESTRICTION(S)**

NA

**IV. DESIGN/EQUIPMENT PARAMETER(S)**

1. The permittee shall not operate any equipment in FGC-30 unless the milling baghouse C-30 is installed, maintained, and operated in a satisfactory manner. Satisfactory operation of milling baghouse C-30 includes maintaining them according to the MAP. **(R 336.1205(1), R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**
2. The permittee shall equip and maintain baghouses C-30 with differential pressure monitoring devices. **(R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**

**V. TESTING/SAMPLING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. Upon request of the AQD District Supervisor, the permittee shall verify PM10 and PM2.5 emission rates from FGC-30 by testing at owner's expense, in accordance with the Department requirements. Testing shall be performed using an approved EPA Method listed in:

| Pollutant  | Test Method Reference      |
|------------|----------------------------|
| PM10/PM2.5 | 40 CFR Part 51, Appendix M |

An alternate method, or a modification to the approved EPA Method, may be specified in an AQD-approved Test Protocol. No less than 30 days prior to testing, the permittee shall submit a complete test plan to the AQD Technical Programs Unit and District Office. The AQD must approve the final plan prior to testing, including any modifications to the method in the test protocol that are proposed after initial submittal. The permittee must submit a complete report of the test results to the AQD Technical Programs Unit and District Office within 60 days following the last date of the test. **(R 336.2001, R 336.2003, R 336.2004)**

#### **VI. MONITORING/RECORDKEEPING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall conduct a monthly one-minute visible emissions observation of the FGC-30 vent during routine operating conditions. For the purpose of this condition, such observations shall follow the procedures to record the reading, perform maintenance, and eliminate visible emissions outlined in Appendix 3. If an observation reveals any visible emissions from the vent (other than uncombined water vapor), the permittee shall inspect the particulate control system and perform any maintenance required to eliminate visible emissions. **(R 336.1205(1), R 336.1301)**
2. The permittee shall keep, in a satisfactory manner, records of all visible emission readings for FGC-30. At a minimum, records shall include the date, time, name of observer/reader, whether the reader is certified, status of visible emissions, and whether repairs were needed. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(1), R 336.1301)**
3. The permittee shall continuously monitor the differential pressure of baghouse C-30 and record a monthly reading as an indicator of proper operation of the dust collector. The monitor shall be calibrated once per year. **(R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**

#### **VII. REPORTING**

NA

#### **VIII. STACK/VENT RESTRICTION(S)**

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

| <b>Stack &amp; Vent ID</b> | <b>Maximum Exhaust Diameter / Dimensions (inches)</b> | <b>Minimum Height Above Ground (feet)</b> | <b>Underlying Applicable Requirements</b> |
|----------------------------|---|---|---|
| 1. S-30                    | 32  | 120                                       | 40 CFR 52.21(c) & (d)                     |

#### **IX. OTHER REQUIREMENT(S)**

NA

#### **Footnotes:**

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

|   |
|---|
| <b>FGENCLOSEDCONV<br/>FLEXIBLE GROUP CONDITIONS</b> |
|---|

**DESCRIPTION**

Six corn transfer conveyors without emissions control equipment. These conveyors are enclosed.

**Emission Unit:** EU-RECEIVINGCONV, EU-BINEMPTCONV1, EU-BINEMPTCONV2, EU-TRANSCONV1, EU-TRANSCONV2, EU-REDIRECTCONV

**POLLUTION CONTROL EQUIPMENT**

NA

**I. EMISSION LIMIT(S)**

NA

**II. MATERIAL LIMIT(S)**

NA

**III. PROCESS/OPERATIONAL RESTRICTION(S)**

NA

**IV. DESIGN/EQUIPMENT PARAMETER(S)**

1. The permittee shall not operate any conveyor in FGENCLOSEDCONV unless the conveyor is enclosed. **(R 336.1205(1), R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**

**V. TESTING/SAMPLING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

NA

**VI. MONITORING/RECORDKEEPING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

NA

**VII. REPORTING**

NA

**VIII. STACK/VENT RESTRICTION(S)**

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

NA

**IX. OTHER REQUIREMENT(S)**

NA

**Footnotes:**

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

## APPENDICES

### Appendix 3. Monitoring Requirements

The following monitoring procedures, methods, or specifications are the details to the monitoring requirements identified and referenced in FG-OXID, FGOXID2, EU-GRAINRECEIVE, EU-GRAINDRY, EU-LOADOUT, FGC-20, FG-CORNBINS, FGC-30, and FG-MILL2.

1. Visible emissions shall be recorded as “observed” or “not observed.”
2. If visible emissions are observed, the maintenance supervisor shall be notified immediately and steps 2 through 6 must be followed.
3. A determination of needed repairs and/or maintenance, if applicable, shall be made within 24 hours and recorded.
4. If necessary, repair and/or maintenance operations shall be performed within 48 hours of discovery.
5. Routine maintenance shall be performed according to the manufacturer’s recommendations.
6. A six-minute average, Method 9 reading shall be performed to confirm compliance with the visible emission limit.

The following monitoring procedures, methods, or specifications are the details to the monitoring requirements identified and referenced in FG-OXID and FG-CHP.

#### **NO<sub>x</sub> and CO<sub>2</sub>/O<sub>2</sub> Monitoring Continuous Emission Monitoring System (CEMS) Requirements**

1. The permittee shall maintain a copy of the Monitoring Plan. The Monitoring Plan shall include drawings or specifications showing proposed locations and descriptions of the required CEMS.
2. The permittee shall maintain a copy of the final report demonstrating the CEMS complies with the requirements of the corresponding Performance Specifications (PS) in the following table.

| <b>Pollutant</b>                 | <b>Applicable PS</b> |
|----------------------------------|----------------------|
| NO <sub>x</sub>                  | 2                    |
| CO <sub>2</sub> / O <sub>2</sub> | 3                    |

3. The span value shall be 2.0 times the lowest emission standard or as specified in the federal regulations.
4. The CEMS shall be installed, calibrated, maintained, and operated in accordance with the procedures set forth in 40 CFR 60.13 and PS 2 and 3 of Appendix B, 40 CFR Part 60.
5. Each calendar quarter, the permittee shall perform the Quality Assurance Procedures of the CEMS set forth in Appendix F of 40 CFR Part 60. Within 30 days following the end of each calendar quarter, the permittee shall submit the results to the AQD in the format of the data assessment report (Figure 1, Appendix F)
6. In accordance with 40 CFR 60.7(c) and (d), the permittee shall submit two copies of an excess emission report (EER) and summary report in an acceptable format to the AQD, within 30 days following the end of each calendar quarter. The Summary Report shall follow the format of Figure 1 in 40 CFR 60.7(d). The EER shall include the following information:

- a) A report of each exceedance above the limits specified in the conditions of this permit. This includes the date, time, magnitude, cause, and corrective actions of all occurrences during the reporting period.
- b) A report of all periods of CEMS downtime and corrective action.
- c) A report of the total operating time of each boiler during the reporting period.
- d) A report of any periods that the CEMS exceeds the instrument range.

If no exceedances or CEMS downtime occurred during the reporting period, the permittee shall report that fact.

All monitoring data shall be kept on file for a period of at least five years and made available to the AQD upon request.

## **Appendix 9. Fugitive Dust Control Plan**

The permittee shall use the following calculations in conjunction with monitoring, testing or recordkeeping data to determine compliance with the applicable requirements referenced in EU-GRAINRECEIVE, EU-GRAINSHIPPED, EU-INTERNALOP, EU-GRAINDRY, and FGC-20.

### Grain Handling, Storage, and Drying - Plant and Roadways

#### **I. Site Roadways/Plant Yard**

- a) The dust on the site roadways/plant yard shall be controlled by applications of water, calcium chloride or other acceptable and approved fugitive dust control compounds. Applications of dust suppressants shall be done as often as necessary to meet all applicable emission limits.
- b) All paved roadways/plant yards shall be swept as needed between applications.
- c) Any material spillage on roads shall be cleaned up immediately.

#### **II. Plant**

- a) The drop distance at each transfer point shall be reduced to the minimum the equipment can achieve. All transfer points shall be enclosed.

#### **III. Grain Storage**

- a) All outdoor storage of grain shall be covered.

#### **IV. Truck Traffic**

- a) On-site: Vehicles shall be loaded to prevent their contents from dropping, leaking, blowing, or otherwise escaping. This shall be accomplished by loading so that no part of the load shall come in contact within six inches of the top of any side board, side panel or tail gate, otherwise, the truck shall be tarped.

#### **V. AQD/EGLE Inspection**

- a) The provisions and procedures of this plan are subject to adjustment if following an inspection and written notification the AQD finds the fugitive dust requirements and/or permitted emission limits are not being met.