

**AIR EMISSION PERMIT NO. 07300002- 002**

**IS ISSUED TO**

Ag Processing Inc

**AG PROCESSING INC - DAWSON**  
800 Diagonal Street  
Dawson, Lac Qui Parle County, MN 56232

The emission units, control equipment and emission stacks at the stationary source authorized in this permit are as described in the following permit application(s):

Permit Type	Application Date	Action No.	Issuance Date
Total Facility Operating Permit (Original)	January 17, 1995	N/A	
Total Facility Operating Permit (Revised)	July 30, 1999	001	February 5,2004
Minor Amendment	January 4, 2006	002	See below

This permit authorizes the Permittee to operate and modify the stationary source at the address listed above unless otherwise noted in Table A. 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. Terms used in the permit are as defined in the state air pollution control rules unless the term is explicitly defined in the permit.

**Permit Type:** Federal; Pt 70/Major for NSR

Minor Amendment

**Issue Date:** 02/05/2004

**Issue Date: June 6, 2006**

**Expiration:** 02/05/2009

All Title I Conditions do not expire.

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Richard J. Sandberg, Manager  
Air Quality Permits Section  
Industrial Division

for Sheryl A. Corrigan  
Commissioner  
Minnesota Pollution Control Agency

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## NOTICE TO THE PERMITTEE:

Your stationary source may be subject to the requirements of the Minnesota Pollution Control Agency's (MPCA) solid waste, hazardous waste, and water quality programs. If you wish to obtain information on these programs, including information on obtaining any required permits, please contact the MPCA general information number at:

Metro Area	(651) 296-6300
Outside Metro Area	1-800-657-3864
TTY	(651) 282-5332

The rules governing these programs are contained in Minn. R. chs. 7000-7105. Written questions may be sent to: Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155-4194.

Questions about this air emission permit or about air quality requirements can also be directed to the telephone numbers and address listed above.

## PERMIT SHIELD:

Subject to the limitations in Minn. R. 7007.1800, compliance with the conditions of this permit shall be deemed compliance with the specific provision of the applicable requirement identified in the permit as the basis of each condition. Subject to the limitations of Minn. R. 7007.1800 and 7017.0100, subp. 2, notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

## FACILITY DESCRIPTION:

**Permit Action 07300002- 001** – Ag Processing Inc owns and operates a soybean processing plant at 800 Diagonal Street, Dawson, Lac Qui Parle County, Minnesota. The stationary sources consists of emission units related to soybean receiving, soybean processing, solvent extraction/recovery, meal processing, steam production, and storage of Volatile Organic Compound (VOC) containing materials.

The main sources of emissions from the stationary source are Particulate Matter (PM), Particulate Matter less than 10 microns in size (PM<sub>10</sub>), hexane which a VOC and n-hexane is considered Hazardous Air Pollutant (HAP). Hexane contains approximately 64 percent of n-hexane. PM/PM<sub>10</sub> emissions are emitted from the handling and processing of the beans and hulls/meal. Hexane emissions are emitted from the extraction and recovery system.

**Permit Action 07300002- 002** – The Permittee submitted a request for a minor amendment on January 4, 2006 in order to increase the exhaust flow rate through SV018 due to a new fan installed for the dehulling process. In addition, as a part of the minor amendment, the Permittee requested an increase in the emission limit for SV018 of PM from 0.004 to 0.005 gr/dscf, and PM<sub>10</sub> from 0.002 to 0.005 gr/dscf.

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson  
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**Table A contains limits and other requirements with which your facility must comply. The limits are located in the first column of the table (What To do). The limits can be emission limits or operational limits. This column also contains the actions that you must take and the records you must keep to show that you are complying with the limits. The second column of Table A (Why to do it) lists the regulatory basis for these limits. Appendices included as conditions of your permit are listed in Table A under total facility requirements.**

**Subject Item: Total Facility**

What to do	Why to do it
A. TOTAL FACILITY OPERATIONAL LIMITATION	hdr hdr
Production: less than or equal to 854,100 tons/year using 12-month Rolling Sum based on Soybeans received.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Production: less than or equal to 788,400 tons/year using 12-month Rolling Sum based on Soybeans crushed.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Capacity: less than 12,000 tons/year using 12-month Rolling Sum based on outdoor piles beans storage.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Hexane: less than or equal to 149,470 gallons/year using 12-month Rolling Sum based on Hexane usage.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
B. RECORDKEEPING FOR OPERATIONAL LIMITATION	hdr
Monthly Recordkeeping of Production: Calculate and record by the 15th day of each month for the previous month and the 12-month Rolling Sum of the soybeans received and crushed.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21; Minn. R. 7007.0800, subp. 5
Monthly Recordkeeping of Capacity: Calculate and record by the 15th day of each month for the previous month and the 12-month Rolling Sum of the outdoor storage piles bean storage.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21; Minn. R. 7007.0800, subp. 5
Monthly Recordkeeping of Hexane: Calculate and record by the 15th day of each month for the previous month and the 12-month Rolling Sum of the hexane loss.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21; Minn. R. 7007.0800, subp. 5
C. OPERATIONAL REQUIREMENTS	hdr
The Permittee shall comply and upon written request demonstrate compliance, with National Primary and Secondary Ambient Air Quality Standards, 40 CFR pt. 50, and the Minnesota Ambient Air Quality Standards, Minn. R. 7009.0010 to 7009.0080.	40 CFR pt. 50; Minn. Stat. Section 116.07, subds. 4a & 9; Minn. R. 7007.0100, subps. 7A, 7L & 7M; Minn. R. 7007.0800, subps. 1, 2 & 4; Minn. R. 7009.0100-7009.0080.
Circumvention: Do not install or use a device or means that conceals or dilutes emissions, which would otherwise violate a federal or state air pollution control rule, without reducing the total amount of pollutant emitted.	Minn. R. 7011.0020
Operation and Maintenance Plan: Retain at the stationary source an operation and maintenance plan for all air pollution control equipment. At a minimum, the O & M plan shall identify all air pollution control equipment and control practices and shall include a preventative maintenance program for the equipment and practices, a description of (the minimum but not necessarily the only) corrective actions to be taken to restore the equipment and practices to proper operation to meet applicable permit conditions, a description of the employee training program for proper operation and maintenance of the control equipment and practices, and the records kept to demonstrate plan implementation.	Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Operation Changes: In any shutdown, breakdown, or deviation the Permittee shall immediately take all practical steps to modify operations to reduce the emission of any regulated air pollutant. The Commissioner may require feasible and practical modifications in the operation to reduce emissions of air pollutants. No emissions units that have an unreasonable shutdown or breakdown frequency of process or control equipment shall be permitted to operate.	Minn. R. 7019.1000, subp. 4
Fugitive Emissions: Do not cause or permit the handling, use, transporting, or storage of any material in a manner which may allow avoidable amounts of particulate matter to become airborne. Comply with all other requirements listed in Minn. R. 7011.0150.	Minn. R. 7011.0150
Inspections: Upon presentation of credentials and other documents as may be required by law, allow the Agency, or its representative, to enter the Permittee's premises to have access to and copy any records required by this permit, to inspect at reasonable times (which include any time the source is operating) any facilities, equipment, practices or operations, and to sample or monitor any substances or parameters at any location.	Minn. R. 7007.0800, subp. 9(A)
Air Pollution Control Equipment: Operate all pollution control equipment whenever the corresponding process equipment and emission units are operated, unless otherwise noted in Table A.	Minn. R. 7007.0800, subp. 2; Minn. R. 7007.0800, subp. 16(J)

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

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Noise: The Permittee shall comply with the noise standards set forth in Minn. R. 7030.0010 to 7030.0080 at all times during the operation of any emission units. This is a state only requirement and is not federally enforceable.	Minn. R. 7030.0010 - 7030.0080
The Permittee shall comply with the General Conditions listed in Minn. R. 7007.0800, subp. 16.	Minn. R. 7007.0800, subp. 16
<b>D. MONITORING REQUIREMENTS</b>	hdr
Monitoring Equipment Calibration: Annually calibrate all required monitoring equipment (any requirements applying to continuous emission monitors are listed separately in this permit).	Minn. R. 7007.0800, subp. 4(D)
Operation of Monitoring Equipment: Unless otherwise noted in Tables A, B, and/or C, monitoring a process or control equipment connected to that process is not necessary during periods when the process is shutdown, or during checks of the monitoring systems, such as calibration checks and zero and span adjustments. If monitoring records are required, they should reflect any such periods of process shutdown or checks of the monitoring system.	Minn. R. 7007.0800, subp. 4(D)
<b>E. PERFORMANCE TESTING REQUIREMENTS</b>	hdr
Performance Testing: Conduct all performance tests in accordance with Minn. R. ch. 7017 unless otherwise noted in Tables A, B, and/or C.	Minn. R. ch. 7017
Performance Test Notifications and Submittals:  Performance Tests are due as outlined in Tables A and B of the permit. See Table B for additional testing requirements.  Performance Test Notification (written): due 30 days before each Performance Test Performance Test Plan: due 30 days before each Performance Test Performance Test Pre-test Meeting: due 7 days before each Performance Test Performance Test Report: due 45 days after each Performance Test Performance Test Report - Microfiche Copy: due 105 days after each Performance Test  The Notification, Test Plan, and Test Report may be submitted in alternative format as allowed by Minn. R. 7017.2018.	Minn. R. 7017.2030, subp. 1-4 and Minn. R. 7017.2035, subp. 1-2
Limits set as a result of a performance test (conducted before or after permit issuance) apply until superseded as specified by Minn. R. 7017.2025 following formal review of a subsequent performance test on the same unit.	Minn. R. 7017.2025
<b>F. RECORDKEEPING</b>	hdr
Recordkeeping: Maintain records describing any insignificant modifications (as required by Minn. R. 7007.1250, subp. 3) or changes contravening permit terms (as required by Minn. R. 7007.1350 subp. 2), including records of the emissions resulting from those changes.	Minn. R. 7007.0800, subp. 5(B)
Recordkeeping: Retain all records at the stationary source, or a designated site, for a period of five (5) years from the date of monitoring, sample, measurement, or report. Records which must be retained at the stationary source, or a designated site, include all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Records must conform to the requirements listed in Minn. R. 7007.0800, subp. 5(A).	Minn. R. 7007.0800, subp. 5(C)
<b>G. REPORTING/SUBMITTALS</b>	hdr
Shutdown Notifications: Notify the Commissioner at least 24 hours in advance of a planned shutdown of any control equipment or process equipment if the shutdown would cause any increase in the emissions of any regulated air pollutant. If the owner or operator does not have advance knowledge of the shutdown, notification shall be made to the Commissioner as soon as possible after the shutdown. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 3.  At the time of notification, the owner or operator shall inform the Commissioner of the cause of the shutdown and the estimated duration. The owner or operator shall notify the Commissioner when the shutdown is over.	Minn. R. 7019.1000, subp. 3

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

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<p>Breakdown Notifications: Notify the Commissioner within 24 hours of a breakdown of more than one hour duration of any control equipment or process equipment if the breakdown causes any increase in the emissions of any regulated air pollutant. The 24-hour time period starts when the breakdown was discovered or reasonably should have been discovered by the owner or operator. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 2.</p> <p>At the time of notification or as soon as possible thereafter, the owner or operator shall inform the Commissioner of the cause of the breakdown and the estimated duration. The owner or operator shall notify the Commissioner when the breakdown is over.</p>	Minn. R. 7019.1000, subp. 2
<p>Notification of Deviations Endangering Human Health or the Environment: As soon as possible after discovery, notify the Commissioner or the state duty officer, either orally or by facsimile, of any deviation from permit conditions which could endanger human health or the environment.</p>	Minn. R. 7019.1000, subp. 1
<p>Notification of Deviations Endangering Human Health or the Environment Report: Within 2 working days of discovery, notify the Commissioner in writing of any deviation from permit conditions which could endanger human health or the environment. Include the following information in this written description:</p> <ol style="list-style-type: none"> <li>1. the cause of the deviation;</li> <li>2. the exact dates of the period of the deviation, if the deviation has been corrected;</li> <li>3. whether or not the deviation has been corrected;</li> <li>4. the anticipated time by which the deviation is expected to be corrected, if not yet corrected; and</li> <li>5. steps taken or planned to reduce, eliminate, and prevent reoccurrence of the deviation.</li> </ol>	Minn. R. 7019.1000, subp. 1
<p>Application for Permit Amendment: If a permit amendment is needed, submit an application in accordance with the requirements of Minn. R. 7007.1150 through Minn. R. 7007.1500. Submittal dates vary, depending on the type of amendment needed.</p>	Minn. R. 7007.1150 through Minn. R. 7007.1500
<p>Extension Requests: The Permittee may apply for an Administrative Amendment to extend a deadline in a permit by no more than 120 days, provided the proposed deadline extension meets the requirements of Minn. R. 7007.1400, subp. 1(H).</p>	Minn. R. 7007.1400, subp. 1(H)
<p>Emission Inventory Report: due on or before April 1 of each calendar year following permit issuance. To be submitted on a form approved by the Commissioner.</p>	Minn. R. 7019.3000 through Minn. R. 7019.3100
<p>Emission Fees: due 60 days after receipt of an MPCA bill.</p>	Minn. R. 7002.0005 through Minn. R. 7002.0095
<p>H. NESHAP REQUIREMENTS</p>	hdr
<p>The Permittee shall comply with the applicable provisions below based on 40 CFR Section 63, subpart GGGG, Solvent Extraction for Vegetable Oil Production by April 12, 2004, compliance date of the MACT or any alternative date that US EPA approves.</p>	40 CFR Part 63 MACT Subpart GGGG: Solvent Extraction for Vegetable Oil Production
<p>The Permittee shall not "construct" or "reconstruct" a major source of hazardous air pollutants as defined in 40 CFR Section 63.2, without first obtaining a preconstruction permit.</p>	40 CFR Sections 63.40 to 63.44; Minn. R. 7007.3010
<p>I. EMISSION LIMITS FOR NESHAP</p>	hdr
<p>Compliance Ratio: less than or equal to 1.00 for the previous operating month.</p>	40 CFR Section 63.2840 (c)
<p>Compliance Ratio= [f * (Actual Solvent Loss)] / [0.64*Allowable Solvent Loss]                  Where:                  f = the weighted average volume fraction of HAP in solvent received during the previous 12 operating months, dimensionless.                  0.64 = The average volume fraction of HAP in solvent in the baseline performance data, dimensionless.                  Actual Solvent Loss = Quantity of actual solvent loss during previous 12 operating months (gallons)                  Allowable Solvent Loss = Quantity of soybeans during the previous 12 operating months (tons) multiplied by [0.2 (gallons /ton) Oilseed solvent loss factor]</p>	40 CFR Section 63.2840
<p>J. GENERAL CALCULATIONS FOR NESHAP</p>	hdr
<p>Compliance Ratio Calculation: By the end of each calendar month following an operating month, calculate the compliance ratio for the previous 12 operating months.</p> <p>An operating month is any calendar month with at least one normal operating period. It does not include malfunction period. A normal operating period is defined in 40 CFR Section 63.2872.</p>	40 CFR Section 63.2840

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

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<p>Calculation-Actual Solvent loss: By the end of each calendar month following an operating month, calculate the actual extraction solvent loss during the previous operating month using the following.</p> <p>Monthly Actual Solvent (gal) = Summation from i = 1 to n (SOLVb - SOLVe + SOLVr +/- SOLVa)</p> <p>Where:                  SOLVb = Gallons of solvent in the inventory at the beginning of normal operating period "i" as determined in paragraph (a)(3) of this section.                  SOLVe = Gallons of solvent in the inventory at the end of normal operating period "i" as determined in 40 CFR Section 63.2853(a)(3). SOLVr = Gallons of solvent received between the beginning and ending inventory dates of normal operating period "i" as determined in 40 CFR 63.2853(a)(4).                  SOLVa = Gallons of solvent added or removed from the extraction solvent inventory during normal operating period "i" as determined in 40 CFR 63.2853(a)(5).                  n = Number of normal operating periods in a calendar month.</p>	<p>40 CFR Section 63.2853</p>
<p>Calculation - 12-month Rolling Sum of actual solvent loss: The owner or operator shall calculate the 12-month rolling sum actual solvent loss by summing the 12 most recent actual monthly solvent losses.</p>	<p>40 CFR Section 63.2853</p>
<p>Calculation - Monthly Weight Average HAP Content: By the end of each calendar month following an operating month, calculate weighted average HAP content (volume fraction). The monthly weighted average HAP content is to be determined using the following equation:</p> <p>Monthly Weighted Average HAP Content of Extraction Solvent (volume fraction) = Summation from i = 1 to n (Receivedi * Contenti)/Total Received</p> <p>Where:                  Receivedi = Gallons of extraction solvent received in delivery "i."                  Contenti = The volume fraction of HAP in extraction solvent delivery "i."                  Total Received = Total gallons of extraction solvent received since the end of the previous operating month.                  n = Number of extraction solvent deliveries since the end of the previous operating month.</p>	<p>40 CFR Section 63.2854</p>
<p>Calculation: 12-month Weighted Average of HAP Content of Solvent Received using the following:</p> <p>12-Month Weighted Average of HAP Content in Solvent Received (Volume fraction) = Summation from i = 1 to 12 (Receivedi * Contenti)/Total Received</p> <p>Where                  Receivedi = Gallons of extraction solvent received in operating month "i" as determined in 40 CFR Section 63.2853(a)(4).                  Contenti = Average volume fraction of HAP in extraction solvent received in operating month "i" as determined in 40 CFR Section 63.2854 (b)(1)                  Total Received = Total gallons of extraction solvent received during the previous 12 operating months.</p>	<p>40 CFR Section 63.2854</p>
<p>Calculation - Oilseed Quantity Processed: By the end of each calendar month following an operating month, calculate the monthly quantity of each oilseed processed by using the following equation:</p> <p>Monthly Quantity of Oilseed Processed = Summation from i = 1 to n (SEEDb-SEEDe+SEEDr +/- SEEDa)</p> <p>Where                  SEEDb= Tons of oilseed in the inventory at the beginning of normal operating period "i" as determined in 40 CFR Section 63.2855(a)(3)                  SEEDe = Tons of oilseed in the inventory at the end of normal operating period "i" as determined in accordance with 40 CFR Section 63.2855(a)(3)                  SEEDr = Tons of oilseed received during normal operating period "i" as determined in 40 CFR Section 63.2855(a)(4) of this section.                  SEEDa = Tons of oilseed added or removed from the oilseed inventory during normal operating period "i" as determined in 40 CFR Section 63.2855(a)(5)                  n = Number of normal operating periods in the calendar month during which this type oilseed was processed.</p>	<p>40 CFR Section 63.2855</p>
<p>Calculation - 12-Month Rolling Sum: Calculate the 12-month rolling sum of the oilseed quantity processed by summing the monthly oilseed quantity processed for the previous 12 operating months.</p>	<p>40 CFR Section 63.2855</p>
<p>K. RECORDKEEPING REQUIREMENTS FOR NESHAP</p>	<p>hdr</p>

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

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<p>Plan for Demonstrating Compliance: The owner or operator shall develop and implement a written Plan for Demonstrating Compliance. The Plan must include the following :</p> <ol style="list-style-type: none"> <li>1) a detailed description of the procedures that will be followed to minimize solvent loss, at all times, including normal, startup, shutdown and malfunction (SSM), and non-operating condition; and</li> <li>2) a detailed description of the method of measurement, measurement frequency, calculations, and quality assurance/quality control plan; recordkeeping, and reporting procedures that will be followed to determine source compliance.</li> </ol>	<p>40 CFR Section 63.2862 (b)</p>
<p>Plan for Startup, Shutdown and Malfunction (SSM): The owner or operator shall develop and implement a written SSM plan. At a minimum, this plan is to include:</p> <ol style="list-style-type: none"> <li>1) a detailed procedure for operating and maintaining the facility to minimize emissions during any SSM event, periods of non-operation associated with a SSM event, and periods of initial startup operation; and</li> <li>2) a specified program of corrective action for malfunctioning process and air pollution control equipment; and</li> <li>3) specified procedures for estimating solvent loss during each such SSM event.</li> </ol>	<p>40 CFR Section 63.2862 (b)</p>
<p>Recordkeeping of Compliance Plans: The owner or operator must complete the plan for demonstrating compliance and the SSM plan before compliance date (April 12, 2004) for your facility and keep them on-site and readily available as long as the source is operational.</p>	<p>40 CFR Section 63.2862 (b)</p>
<p>Recording- Solvent Inventory: By the end of each calendar month following an operating month, record the following information for the previous operating month. At a minimum, these records must include:</p> <ol style="list-style-type: none"> <li>1. Dates that define each operating status period during a calendar month;</li> <li>2. The operating status of your source such as normal operation, nonoperating, malfunction period, or exempt operation for each recorded time interval;</li> <li>3. The gallons of extraction solvent in the inventory on the beginning and ending dates of each normal operating period;</li> <li>4. The gallons of all extraction solvent received, purchased, and recovered during each calendar month;</li> <li>5. All extraction solvent inventory adjustments, additions, or subtractions. You must document the reason for the adjustment and justify the quantity of the adjustment;</li> <li>6. The total solvent loss for each calendar month, regardless of the source operating status, and</li> <li>7. The actual solvent loss in gallons for each operating month.</li> </ol>	<p>40 CFR Section 63.2862 (c)(1)</p>
<p>Recording - Average HAP Content: By the end of each calendar month following an operating month, record the following information for the average HAP content in the extraction solvent, for the previous operating month:</p> <ol style="list-style-type: none"> <li>1. The gallons of extraction solvent received in each delivery;</li> <li>2. The volume fraction of each HAP exceeding 1 percent by volume in each delivery of extraction solvent, and</li> <li>3. The weighted average volume fraction of HAP in extraction solvent received since the end of the last operating month as determined in 40 CFR 63.2854 (b)(2)</li> </ol>	<p>40 CFR Section 63.2862 (c)(2)</p>
<p>Recording - Soybean Processed Weight: At a minimum record the following:</p> <ol style="list-style-type: none"> <li>1. The dates that define each operating status period. These dates must be the same as the dates entered for the extraction solvent inventory;</li> <li>2. The operating status of your source such as normal operation, nonoperating, malfunction period, or exempt operating for each recorded time interval. On the log for each type of listed oilseed that is not being processed during a normal operating period, you must record which type of listed oilseed is being processed in addition to the source operating status;</li> <li>3. The oilseed inventory for the type of listed oilseed that is being processed during a normal operating period, you must record which type of listed oilseed is being processed in addition to the source operating status;</li> <li>4. The tons of each type of listed oilseed received at the affected source each normal operating period;</li> </ol>	<p>40 CFR Section 63.2862 (c)(3)</p>
<p>5. All listed oilseed inventory adjustments, additions, or subtractions for normal operating periods. You must document the reason for the adjustment and justify the quantity of the adjustment; and</p> <p>6. The tons of each type of listed oilseed processed during each operating month.</p>	<p>CONTINUED: 40 CFR Section 63.2862 (c)(3)</p>
<p>After your source has processed listed oilseed for 12 operating months and you are not operating during an initial start-up as described in 40 CFR Section 63.2850(d)(2), or a malfunction period as described in 40 CFR Section 63.2850(e)(2), you must record the following:</p>	<p>40 CFR Section 63.2862 (d)</p>
<p>Continued Recordkeeping of actual solvent: by the end of the calendar month following each operating month, you must record the 12 operating months rolling sum of the actual solvent loss in gallons.</p>	<p>40 CFR Section 63.2862 (d)(1)</p>
<p>Recordkeeping of fraction of HAP: by the end of the calendar month following each operating month, you must record weighted average volume fraction of HAP in extraction solvent received for the previous 12 operating months.</p>	<p>40 CFR Section 63.2862 (d)(2)</p>

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Recordkeeping of oilseed processed: by the end of the calendar month following each operating month, you must record the 12 operating months rolling sum of each type of listed oilseed processed in tons.	40 CFR Section 63.2862 (d)(3)
Recordkeeping for compliance ratio: By the end of each calendar month following an operating month, you must record the compliance ratio for each 12 month operating period.	40 CFR Section 63.2862 (d)(4)
Recordkeeping of compliance status: By the end of each calendar month following an operating month, you must record a statement of whether the source is in compliance with all of the requirements of subpart GGGG. This includes a determination of whether you have met all of the applicable requirements in 40 CFR Section 63.2850.	40 CFR Section 63.2862 (d)(5)
Recordkeeping of each SSM event: For each SSM event subject to a malfunction period, you must record the following by the end of the calendar month following each month in which a malfunction period occurred: 1. A description and date of the SSM event, its duration, and reason it qualifies as a malfunction; 2. An estimate of the solvent loss in gallons for the duration of the malfunction period with supporting document; and 3. A checklist or other mechanism to indicate whether the SSM plan was followed during the malfunction period.	40 CFR Section 63.2862 (e)
L. REPORTING REQUIREMENTS FOR NESHAP	hdr
Initial Notification: Submit an initial notification to MPCA and EPA no later than 120 days after effective date (April 12, 2001). In the notification, include the following: 1. The name and address of the owner or operator; 2. The physical address of the vegetable oil production process; 3. Identification of the relevant standard, such as the vegetable oil production NESHAP, and compliance; 4. A brief description of the source including the types of the listed oilseed processed, nominal operating capacity, and type of desolventizer(s) used; and 5. A statement designating the source as a major source of HAP or a demonstration that the source meets the definition of an area source.	40 CFR Section 63.2860 (a)
Notification of compliance status: Due no later that 50 calendar months after the effective date (4/12/2001). The notification shall include: 1. The name and address of the owner or operator; 2. The physical address of the vegetable oil production process; 3. Each listed oilseed type processed during the 12 calendar months period covered by the report; 4. Each HAP identified under 40 CFR Section 63.2854(a) as being present in concentrations greater that 1 percent by volume in each deliveries of solvent received during the 12 calendar months period covered by the report; 5. A statement designating the source as a major source of HAP or a demonstration the source qualifies as an area source;	40 CFR Section 63.2860(d)
6. A compliance certification to indicate whether the source was in compliance for each compliance determination made during the 12 calendar months period covered by the report. For each compliance determination, you must include a certificate that the procedures in the Plan for demonstrating compliance are being followed and compliance ratio is less than or equal to 1.00.	CONTINUED: 40 CFR Section 63.2860(d)
Annual compliance certification: Due 12 calendar months after end of each calendar year following the notification of compliance status.  (1) The name and address of the owner or operator;  (2) The physical address of the vegetable oil production process;  (3) Each listed oilseed type processed during the 12 calendar months period covered by the report;  (4) Each HAP identified under 40 CFR Section 63.2854(a) as being present in concentrations greater than 1 percent by volume in each delivery of solvent received during the 12 calendar months period covered by the report;	40 CFR Section 63.2861(a)
(5) A statement designating the source as a major source of HAP or a demonstration that the source qualifies as an area source. An area source is a source that is not a major source and is not collocated within a plant site with other sources that are individually or collectively a major source; and  (6) A compliance certification to indicate whether the source was in compliance for each compliance determination made during the 12 calendar months period covered by the report. For each such compliance determination, you must include a certification of the following: (i) You are following the procedures described in the plan for demonstrating compliance and (ii) The compliance ratio is less than or equal to 1.00.	CONTINUED 40 CFR Section 63.2861 (a)

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

<p>Notification of Deviation Report: The deviation notification report must be submitted for each operating month, in which the compliance ratio exceeds 1.00. The report must be submitted by the end of the month following the calendar month in which the deviation occurred. This report must include the compliance ratio comprising the deviation.</p> <p>(1) The name and address of the owner or operator;</p> <p>(2) The physical address of the vegetable oil production process;</p> <p>(3) Each listed oilseed type processed during the 12 operating months period for which you determined the deviation; and</p> <p>(4) The compliance ratio comprising the deviation. You may reduce the frequency of submittal of the deviation notification report if the agency responsible for these NESHAP does not object as provided in 40 CFR Section 63.10(e)(3)(iii).</p>	<p>40 CFR Section 63.2861(b)</p>
<p>Periodic SSM Report: By the end of the calendar month, submit a periodic startup, shutdown or malfunction (SSM) report for the previous month during which the source has been operated under an initial startup period or a malfunction period. The SSM report must include the following:</p> <ol style="list-style-type: none"> <li>1. The name, title, and signature of the source's responsible official who is certifying that the report accurately states that all actions taken during the initial startup or malfunction period were consistent with the SSM plan;</li> <li>2. A description of events occurring during the time period, the date and duration of the events, and reason the time interval qualifies as an initial startup or malfunction period;</li> <li>3. An estimate of the solvent loss during the initial startup or malfunction period with supporting documentation.</li> </ol>	<p>40 CFR Section 63.2861(c)</p>
<p>Immediate SSM Reports: Within 2 working days after commencing actions inconsistent with the SSM plan, submit an immediate SSM report consisting of a telephone call or facsimile transmission followed by a letter within 7 working days of the event. The SSM report must include the following:</p> <ol style="list-style-type: none"> <li>1. The name, title, and signature of the source's responsible official who is certifying the accuracy of the report, an explanation of the event, and the reasons for not following the SSM Plan;</li> <li>2. A description and date of the SSM event, its duration, and reason it qualifies as a SSM; and</li> <li>3. An estimate of the solvent loss for the duration of the SSM event with supporting documentation.</li> </ol>	<p>40 CFR Section 63.2861(d)</p>
<p>Records on-site:</p> <p>(a) Your records must be in a form suitable and readily available for review in accordance with 40 CFR Section 63.10(b)(1);</p> <p>(b) As specified in 40 CFR Section 63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record; and</p> <p>(c) You must keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, in accordance with 40 CFR Section 3.10(b)(1). You can keep the records off-site for the remaining 3 years.</p>	<p>40 CFR Section 63.2863</p>
<p><b>DETERMINING IF A PROJECT/MODIFICATION IS SUBJECT TO NEW SOURCE REVIEW</b></p>	<p>hdr</p>
<p>These requirements apply where there is a reasonable possibility that a proposed project, analyzed using the actual-to-projected-actual (ATPA) test and found to not be part of a major modification, may result in a significant emissions increase. If the ATPA test is not used for a particular project, or if there is not a reasonable possibility that the proposed project could result in a significant emissions increase, then these requirements do not apply to that project.</p> <p>Even though a particular modification is not subject to New Source Review, a permit amendment, recordkeeping, or notification may still be required under Minn. R. 7007.1150 - 7007.1500.</p>	<p>Title I Condition: 40 CFR Section 52.21(r)(6) and Minn. R. 7007.3000</p>

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

<p>Preconstruction Documentation -- Before beginning actual construction on a project, the Permittee shall document the following information:</p> <ol style="list-style-type: none"> <li>1. A description of the project</li> <li>2. Identification of the emission unit(s) whose emissions of an NSR pollutant could be affected</li> <li>3. A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including the baseline actual emissions, the potential emissions, the projected actual emissions, the amount of emissions excluded due to increases not associated with the modification and that the unit(s) could have accommodated during the baseline period, an explanation of why the amounts were excluded, and any creditable contemporaneous increases and decreases that were considered in the determination.</li> </ol> <p>The Permittee shall maintain records of this documentation.</p>	<p>Title I Condition: 40 CFR Section 52.21(r)(6) and Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 4 &amp; 5</p>
<p>The Permittee shall monitor the actual emissions of any regulated NSR pollutant that could increase as a result of the project and that were analyzed using the ATPA test, and the potential emissions of any regulated NSR pollutant that could increase as a result of the project and that were analyzed using potential emissions. The Permittee shall calculate and maintain a record of the sum of the actual and potential (if used in the analysis) emissions of the regulated pollutant, in tons per year on a calendar year basis, for a period of 5 years following resumption of regular operations after the change, or for a period of 10 years following resumption of regular operations after the change if the project increases the design capacity of or potential to emit of any unit associated with the project.</p>	<p>Title I Condition: 40 CFR Section 52.21(r)(6) and Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 4 &amp; 5</p>
<p>The Permittee must submit a report to the Agency if the annual summed (actual plus potential, if applicable) emissions differ from the preconstruction projection and exceed the baseline actual emissions by a significant amount as listed at 40 CFR Section 52.21(b)(23). Such report shall be submitted to the Agency within 60 days after the end of the year in which the exceedances occur. The report shall contain:</p> <ol style="list-style-type: none"> <li>a. The name and ID number of the facility, and the name and telephone number of the facility contact person</li> <li>b. The annual emissions (actual plus potential, if any part of the project was analyzed using potential emissions) for each pollutant for which the preconstruction projection and significant emissions increase are exceeded.</li> <li>c. Any other information, such as an explanation as to why the summed emissions differ from the preconstruction projection.</li> </ol>	<p>Title I Condition: 40 CFR Section 52.21(r)(6) and Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 4 &amp; 5</p>

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: GP 001 Cyclone Units**

- Associated Items:** CE 203 Centrifugal Collector - High Efficiency  
 CE 208 Centrifugal Collector - High Efficiency  
 CE 210 Centrifugal Collector - High Efficiency  
 CE 303 Centrifugal Collector - High Efficiency  
 CE 401 Centrifugal Collector - High Efficiency  
 CE 402 Centrifugal Collector - High Efficiency  
 CE 403 Centrifugal Collector - High Efficiency  
 CE 606 Centrifugal Collector - High Efficiency

What to do	Why to do it
<p><b>A. OPERATIONAL REQUIREMENTS</b></p> <p>(All requirements apply to each control equipment unit listed.)</p>	<p>hdr</p>
<p>The Permittee shall operate and maintain the control equipment such that it achieves an overall efficiency for Total Particulate Matter: greater than or equal to 80 percent control efficiency</p>	<p>Minn. R. 7011.1005, subp. 1.B.</p>
<p>The Permittee shall operate and maintain the control equipment such that it achieves an overall efficiency for Particulate Matter &lt; 10 micron: greater than or equal to 80 percent control efficiency</p>	<p>Minn. R. 7011.1005, subp. 1.B.</p>
<p>Operation and Maintenance of the Cyclone: The Permittee shall operate and maintain the cyclone according to the facility's O &amp; M Plan.</p>	<p>Minn. R. 7007.0800, subp. 14</p>
<p>Visible Emissions: The Permittee shall check the stack/vent (SV) associated with control equipment (CE) listed above for visible emissions during daylight hours, on a daily basis.</p>	<p>Minn. R. 7007.0800, subp. 4</p>
<p>Inspections: The permittee shall inspect each cyclone on a quarterly and annual basis, on various cyclone components according to an Operation and Maintenance (O&amp;M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.</p>	<p>Minn. R. 7007.0800, subps. 2, 5 and 14</p>
<p><b>B. RECORDKEEPING</b></p>	<p>hdr</p>
<p>Recordkeeping: The Permittee shall keep records on the time and date of VE inspections, and whether or not any VEs were observed.</p>	<p>Minn. R. 7007.0800, subp. 5</p>
<p>Recordkeeping of Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur:                      - abnormal visible emissions are observed                      - any components of the cyclone are found during an inspection that requires repairs</p> <p>Corrective actions also include, but are not limited to, those outlined in the O &amp; M Plan for the cyclone. The Permittee shall keep a record of the type and date of any corrective action taken for each cyclone.</p>	<p>Minn. R. 7007.0800, subp. 5</p>

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: GP 002 Combustion Sources**

**Associated Items:** EU 163 Grain Dryer (GD102, EN101)

EU 165 Grain Dryer (GD101, EN102)

EU 702 Boiler #2

EU 703 Boiler #3

<b>What to do</b>	<b>Why to do it</b>
A. LIMITS	hdr
Fuel Usage: less than or equal to 880 million cubic feet/year using 12-month Rolling Sum of natural gas only.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Fuel Usage: less than or equal to 541,000 gallons/year using 12-month Rolling Sum for fuel oil only.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
B. RECORDKEEPING	hdr
Recordkeeping: Calculate and record by the 20th day of each month for the previous month and the 12-month rolling sum of cubic feet of natural gas and gallons of fuel oil used.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Occurrence of the Exceedance: due 30 days after Occurrence of the Exceedance of the fuel usage limitation.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: GP 003 DT/DC Dryers with Coolers**

**Associated Items:** CE 401 Centrifugal Collector - High Efficiency

CE 402 Centrifugal Collector - High Efficiency

EU 401 DTDC (CY401)

EU 402 DTDC (CY402)

SV 029 Dryer Deck Cyclone

SV 031 Top Dryer Deck Cyclone Discharge

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than 0.01 grains/dry standard cubic foot using 3-hour Rolling Average unless required to reduce emissions to less than or equal to either the amount allowed by Minn. R. 7011.0730, or concentration allowed by Minn. R. 7011.0735. (limit applies to each emission unit.)	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than 0.01 grains/dry standard cubic foot using 3-hour Rolling Average unless required to reduce emissions to less than or equal to either the amount allowed by Minn. R. 7011.0730, or concentration allowed by Minn. R. 7011.0735. (limit applies to each emission unit.)	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity (limit applies to each emission unit.)	Minn. R. 7011.0715, subp. 2(A)
B. OPERATIONAL REQUIREMENTS	hdr
The cyclones (CE 401 and CE 402) shall be operated at all times when the emission units are in operation. See GP 001 for cyclone requirements.	Minn. R. 7007.0800, subp. 2
Maintain air pollution control equipment in proper operating condition and utilize the air pollution control systems as designed .	Minn. R. 7011.1005, subp. 1
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 365 days after Permit Issuance to measure Opacity emissions from SV 029 and SV 031.  For additional applicable performance test requirements see "General Performance Test Requirements" in Table A, subject item "Total Facility".	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months starting 11/01/2004 to measure Opacity. This Performance Test shall be performed on both SV 029 and SV 031.	Minn. R. 7017.2020, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 001 N. Bean Receiving**

**Associated Items:** EU 101 N Receiving Pit (BP101, BH101)

EU 103 North Sampler (SA101, CY101, BH101)

EU 105 South Sampler (SA102, CY102, BH101)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.003 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.002 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
The Permittee shall operate and maintain the control equipment (CE 101) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 98 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 101) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 95 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7007.0800, subp. 5
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 002 Vacuum System**

**Associated Items:** EU 107 Central Vac System (CV101, BH107)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.002 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.002 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT	hdr
The Permittee shall operate and maintain the control equipment (CE 107) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 92 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 107) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 74 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop: The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 003 S. Bean Receiving**

**Associated Items:** EU 109 S Receiving Pit (BP102, BH102)

EU 113 North Bean Rec Conv (BC101, OS101, BH101)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.003 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.002 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT	hdr
The Permittee shall operate and maintain the control equipment (CE 102) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 98 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 102) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 95 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 004 Bean Handling**

**Associated Items:** EU 115 North Elevator Leg (EL101, OS101, OS102, BH103)

EU 117 South Elevator Leg (EL102, OS101, OS102, BH103)

EU 119 Top Drag Conveyor (DC101, OS101, OS102, BH103)

EU 121 Belt Conveyor #4 (BC104, OS101, OS102, BH103, BH104)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.004 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.002 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT	hdr
The Permittee shall operate and maintain the control equipment (CE 103) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 93 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 103) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 92 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 005 Tub Leg and Belt Conveyors**

**Associated Items:** EU 121 Belt Conveyor #4 (BC104, OS101, OS102, BH103, BH104)

EU 123 #2 Tunnel Belt (BC106, BH104, BH108)

EU 125 #3 Tunnel Belt (BC105, OS101, OS102, BH104)

EU 129 Tub Leg (EL103, BH104)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.004 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.003 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT	hdr
The Permittee shall operate and maintain the control equipment (CE 104) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 92 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 104) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 90 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 006 Bean Cleaner**

**Associated Items:** EU 131 Stoner (ST101, OS101, OS102, BH106)

EU 133 Cleaner Screen (SN101, OS101, OS102, BH106)

EU 135 Carter Day Cleaner (GS102, BH106)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.004 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.003 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT	hdr
The Permittee shall operate and maintain the control equipment (CE 106) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 95 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 106) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 93 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 007 Hammermill**

**Associated Items:** EU 137 Carter Day Cleaner (GS103, CY103, BH105)

EU 139 Hammer Mill (HM101, CY104, BH105)

EU 141 Seeds Bin (SB150, BH105) Seeds Tank Vent (SB150)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.004 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.003 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
The Permittee shall operate and maintain the control equipment (CE 105) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 95 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 105) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 87 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column , 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 365 days after Permit Issuance to measure PM, PM10 and Opacity emissions from SV 007.	Minn. R. 7017.2020, subp. 1
For additional applicable performance test requirements see "General Performance Test Requirements in Table A, subject item "Total Facility."	
Performance Test: due before end of each 36 months starting 11/01/2004 to measure PM and PM10 emissions.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months starting 11/01/2004 to measure Opacity.	Minn. R. 7017.2020, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 011 Conveyers**

**Associated Items:** EU 123 #2 Tunnel Belt (BC106, BH104, BH108)

EU 149 Day Tank Leg (EL108, BH108)

EU 151 #1 Belt Conveyor (BC107, BH108)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.005 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.003 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT	hdr
The Permittee shall operate and maintain the control equipment (CE 108) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 95 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 108) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 95 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column , 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-20

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 012 Tunnel Ventilation****Associated Items:** EU 113 North Bean Rec Conv (BC101, OS101, BH101)

EU 157 South Bean Rec Conv (BC102, OS102)

<b>What to do</b>	<b>Why to do it</b>
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.1 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.1 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-21

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 016 W Dryer Exhaust Vents****Associated Items:** EU 163 Grain Dryer (GD102, EN101)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than 0.05 grains/dry standard cubic foot using 3-hour Rolling Average unless required to reduce emissions to less than or equal to either the amount allowed by Minn. R. 7011.0730, or concentration allowed by Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than 0.05 grains/dry standard cubic foot using 3-hour Rolling Average unless required to reduce emissions to less than or equal to either the amount allowed by Minn. R. 7011.0730, or concentration allowed by Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 2(A)
B. OPERATING REQUIREMENTS	hdr
Pollution Control Equipment: Maintain air pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 3(D)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 365 days after Permit Issuance to measure Opacity emissions from SV 016.  For additional applicable performance test requirements see "General Performance Test Requirements" in Table A, subject item "Total Facility."	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months starting 11/01/2004 to measure Opacity.	Minn. R. 7017.2020, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-22

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 017 E Dryer Exhaust Vents****Associated Items:** EU 165 Grain Dryer (GD101, EN102)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than 0.05 grains/dry standard cubic foot using 3-hour Rolling Average unless required to reduce emissions to less than or equal to either the amount allowed by Minn. R. 7011.0730, or concentration allowed by Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than 0.05 grains/dry standard cubic foot using 3-hour Rolling Average unless required to reduce emissions to less than or equal to either the amount allowed by Minn. R. 7011.0730, or concentration allowed by Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 2(A)
B. OPERATING REQUIREMENTS	hdr
Pollution Control Equipment: Maintain air pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 3(D)
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 365 days after Permit Issuance to measure Opacity emissions from SV 017.  For additional applicable performance test requirements see "General Performance Test Requirements" in Table A, subject item "Total Facility."	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months starting 11/01/2004 to measure Opacity	Minn. R. 7017.2020, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 018 New Mac Dehulling Discharge**

**Associated Items:** EU 201 Primary Aspirator (AS201, CY202, BH201)

EU 203 #1 Secondary Dehull Asp (AS202, CY205, BH201)

EU 205 #2 Secondary Dehull Asp (AS203, CY204, BH201)

EU 207 #3 Secondary Dehull Asp (AS204, CY203, BH201)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.005 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0060 - 7011.0080
Particulate Matter < 10 micron: less than or equal to 0.005 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0060 - 7011.0080
Opacity: less than 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
The Permittee shall operate and maintain the control equipment (CE 201) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 99 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 201) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 95 percent control efficiency	Minn. R. 7011.1005, subp. 3
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop: The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5
D. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: The Permittee completed a Performance Test within 365 days after Permit Issuance of Permit Action 001, as required by that Permit. The Performance Test measured PM, PM10, and Opacity emissions from SV 018.	Minn. R. 7017.2020, subp. 1
Performance Test: due 180 days after Startup of modified SV 018 to measure PM emissions from SV 018. This Performance Test is a result of Permit 002. For additional applicable performance test requirements see "General Performance Test Requirements" in Table A, subject item "Total Facility."	Minn. R. 7017.2020, subp. 1
Performance Test: due 180 days after Startup of modified SV 018 to measure PM10 emissions from SV 018. This Performance Test is a result of Permit 002. For additional applicable performance test requirements see "General Performance Test Requirements" in Table A, subject item "Total Facility."	Minn. R. 7017.2020, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 019 Flaking and Conditioning**

**Associated Items:** EU 209 #2 Bean Conditioner (CD202, STC202, CY206)

EU 211 #6 Flaker (FR206, CY206)

EU 213 #7 Flaker (FR207, CY206)

EU 215 #8 Flaker (FR208, CY206)

EU 217 #9 Flaker (FR209, CY206)

EU 253 #1 Flaker Feed Conveyor (DC215, CY206)

EU 263 #2 Flaker Feed Conveyor (DC216, CY206)

EU 275 #3 Flaker Feed Conveyor (DC217, CY206)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.02 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.01 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. OPERATIONAL REQUIREMENTS	hdr
The cyclone (208) shall be operated at all times when the emission units are in operation. See GP 001 for cyclone requirements.	Minn. R. 7007.0800, subp. 2
Maintain air pollution control equipment in proper operating condition and utilize the air pollution control systems as designed .	Minn. R. 7011.1005, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 020 Cracking and Flaking**

- Associated Items:** EU 127 Dust Truck Cyclone (CY207, BH202)  
 EU 225 Bean Cleaner (SN201, BH202)  
 EU 226 Day Bin Drag (DC202, BH202)  
 EU 228 Top Bean Drag (DC203, BH202)  
 EU 229 #1 Cracker (CR201, BH202)  
 EU 230 Clean Bean Elevator (EL202, BH202)  
 EU 231 #2 Cracker (CR202, BH202)  
 EU 233 #3 Cracker (CR203, BH202)  
 EU 235 #4 Cracker (CR204, BH202)  
 EU 237 #5 Cracker (CR205, BH202)  
 EU 239 #6 Cracker (CR206, BH202)  
 EU 241 #7 Cracker (CR207, BH202)  
 EU 261 Conv from #1 Conditioner (DC214, BH202)  
 EU 301 Ground Hull Conveyor (SC301, BH202)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.004 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.003 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
The Permittee shall operate and maintain the control equipment (CE 202) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 99 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 202) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 99 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5
C. PERFORMANCE TESTING REQUIREMENTS	hdr

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-26

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

Performance Test: due 365 days after Permit Issuance to measure PM, PM10, and Opacity emissions from SV 020.	Minn. R. 7017.2020, subp. 1
For additional applicable performance test requirements see "General Performance Test Requirements" in Table A, subject item "Total Facility."	
Performance Test: due before end of each 36 months starting 11/01/2004 to measure PM and PM10 emissions.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months starting 11/01/2004 to measure Opacity.	Minn. R. 7017.2020, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-27

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 021 Seeds Blower Cyclone Vent****Associated Items:** EU 167 Seeds Blower (PB102, CY201)

<b>What to do</b>	<b>Why to do it</b>
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.02 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.01 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. OPERATIONAL REQUIREMENTS	hdr
The cyclone (CE 203) shall be operated at all times when the emission units are in operation. See GP 001 for cyclone requirements.	Minn. R. 7007.0800, subp. 2
Maintain air pollution control equipment in proper operating condition and utilize the air pollution control systems as designed .	Minn. R. 7011.1005, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-28

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 022 #1 Side Flaker Drag Vent Fan****Associated Items:** EU 267 Flake Conveyor #1 Side (DC218)

<b>What to do</b>	<b>Why to do it</b>
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.1 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.1 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-29

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 023 #2 Side Flaker Drag Vent Fan****Associated Items:** EU 269 Flake Conveyor #2 Side (DC219)

<b>What to do</b>	<b>Why to do it</b>
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.1 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.1 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-30

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 024 #1 Bean Cond. Exhaust Vent****Associated Items:** EU 271 #1 Bean Conditioner (CD201, STC201)

<b>What to do</b>	<b>Why to do it</b>
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.1 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.1 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 027 Hammermill Discharge**

- Associated Items:** EU 305 #2 Meal Rotex Feed (SC302, BH301)  
 EU 307 #2 Meal Rotex (SN302, BH301)  
 EU 308 #3 Meal Rotex (SN303, BH301)  
 EU 309 #1 H Mill Discharge Screw (SC308, BH301)  
 EU 311 #2 H Mill Discharge Screw (SC307, BH301)  
 EU 313 #3 H Mill Discharge Screw (SC306, BH301)  
 EU 315 #3 H Mill Feed Screw (SC305, BH301)  
 EU 317 #1 Finished Meal Conv (DC304, BH301)  
 EU 318 Rail Car Aspiration (RC301, CY202, BH301)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.009 grains/dry standard cubic foot using 3-hour Rolling Average	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Particulate Matter < 10 micron: less than 0.009 grains/dry standard cubic foot using 3-hour Rolling Average	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Opacity: less than or equal to 10 percent opacity	Minn. R. 7011.1005, subp. 3.D.
B. OTHER LIMITS AND REQUIREMENTS	hdr
Process Throughput: less than or equal to 569,400 tons/year using 12-month Rolling Sum based on soy meals/hulls loadout to railcars.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Recordkeeping of process throughput: Calculate and record by the 15th day of each month for the previous month and 12-month Rolling Sum of the meal loadout.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
C. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
The Permittee shall operate and maintain the control equipment (CE 301) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 95 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 301) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 79 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5
D. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 365 days after Permit Issuance to measure PM, PM10 and Opacity emissions from SV 027.	Minn. R. 7017.2020, subp. 1
For additional applicable performance test requirements see "General Performance Test Requirements" in Table A, subject item "Total Facility."	

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-32

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

Performance Test: due before end of each 60 months starting 03/21/2005 to measure PM and PM10 emissions.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months starting 11/01/2004 to measure Opacity.	Minn. R. 7017.2020, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 030 Cooler Cyclone**

**Associated Items: EU 403 DTDC (CY403)**

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than 0.02 grains/dry standard cubic foot using 3-hour Rolling Average unless required to reduce emissions to less than or equal to either the amount allowed by Minn. R. 7011.0730, or concentration allowed by Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than 0.02 grains/dry standard cubic foot using 3-hour Rolling Average unless required to reduce emissions to less than or equal to either the amount allowed by Minn. R. 7011.0730, or concentration allowed by Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 2(A)
B. OPERATIONAL REQUIREMENTS	hdr
The cyclone (CE 403) shall be operated at all times when the emission units are in operation. See GP 001 for cyclone requirements.	Minn. R. 7007.0800, subp. 2
Maintain air pollution control equipment in proper operating condition and utilize the air pollution control systems as designed .	Minn. R. 7011.1005, subp. 1
B. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 365 days after Permit Issuance to measure Opacity emissions from SV 030.	Minn. R. 7017.2020, subp. 1
For additional applicable performance test requirements see "General Performance Test Requirements" in Table A, subject item "Total Facility."	
Performance Test: due before end of each 60 months starting 11/01/2004 to measure Opacity.	Minn. R. 7017.2020, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 036 Meal Handling**

- Associated Items:** EU 601 Bottom Meal Recirc Conv (DC604, BH603)  
 EU 603 Flat Storage Conveyor (BC601, BH603, BH605)  
 EU 607 Meal Transfer Leg (EL602, BH603)  
 EU 609 #4 Meal Tank (B4, BH603)  
 EU 611 #5 Meal Tank (B5, BH603)  
 EU 613 #6 Meal Tank (B6, BH603)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.004 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.002 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT	hdr
The Permittee shall operate and maintain the control equipment (CE 603) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 99 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 603) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 96 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-35

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 037 Hull Blowers Cyclone****Associated Items:** EU 621 #1 Hull Blower to Storage (PB301, CY601)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.01 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.009 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. OPERATIONAL REQUIREMENTS	hdr
The cyclone (CE 606) shall be operated at all times when the emission units are in operation. See GP 001 for cyclone requirements.	Minn. R. 7007.0800, subp. 2
Maintain air pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 038 Meal and Hull Bin**

**Associated Items:** EU 623 Truck Loadout Tank (MHT150, BH601)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.009 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than or equal to 0.003 grains/dry standard cubic foot using 3-hour Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
The Permittee shall operate and maintain the control equipment (CE 601) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 99 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 601) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 99 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 039 Truck Loadout**

**Associated Items:** EU 625 Loadout Collection Screw (SC615, BH602)

EU 627 Loadout Screener (SN601, BH602)

EU 629 Truck Loadout Aspiration (BH602)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.004 grains/dry standard cubic foot using 3-hour Rolling Average	Minn. R. 7011.0715, subp. 1(A)
Particulate Matter < 10 micron: less than 0.002 grains/dry standard cubic foot using 3-hour Rolling Average	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 10 percent opacity	Minn. R. 7011.1005, subp. 3(D)
B. POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
The Permittee shall operate and maintain the control equipment (CE 602) such that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 94 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall operate and maintain the control equipment (CE 602) such that it achieves an overall control efficiency for Particulate Matter < 10 micron: greater than or equal to 79 percent control efficiency	Minn. R. 7011.1005, subp. 3
The Permittee shall clean up commodities spilled on the driveway and other facility property, as required, to minimize fugitive emissions to a level consistent with RACT	Minn. R. 7011.1005, subp. 1
The Permittee shall maintain pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
Inspections: The Permittee shall inspect the fabric filter on a quarterly and annual basis, on various fabric filter components according to an Operation and Maintenance (O & M) plan developed by Ag Processing Inc. Maintain a written record of the inspection and any action resulting from the inspection.	Minn. R. 7007.0800, subps. 2, 5 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 7.0 inches of water column, 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 Permittee shall record the pressure drop once every day when in operation.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Pressure Drop. The Permittee shall record the time and date of each pressure drop reading on a daily basis, when in operation and whether or not the recorded pressure drop was within the range specified in this permit.	Minn. R. 7011.1005, subp. 1
Recordkeeping of Corrective Actions: The Permittee shall record the corrective actions taken, as soon as possible, as based on the operation and maintenance plan to eliminate any pressure drops outside the permitted range specified. The Permittee shall keep a record, on-site, of the corrective actions taken.	Minn. R. 7007.0800, subp. 5

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 055 #1 Side Flaker Aspiration**

- Associated Items:** EU 243 #1 Flaker (FR201, CY208)  
 EU 245 #2 Flaker (FR202, CY208)  
 EU 247 #3 Flaker (FR203, CY208)  
 EU 249 #4 Flaker (FR204, CY208)  
 EU 251 #5 Flaker (FR205, CY208)  
 EU 255 #10 Flaker (FR210, CY208)  
 EU 257 Buhler Flaker (FR211, CY208)  
 EU 258 #11 Flaker (FR212, CY208)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.01 grains/dry standard cubic foot using 3-hour Rolling Average	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Particulate Matter < 10 micron: less than or equal to 0.0061 grains/dry standard cubic foot using 3-hour Rolling Average	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Opacity: less than or equal to 2.5 percent opacity as a 6-minute average (average of 24 consecutive readings)	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
B. OPERATIONAL REQUIREMENTS	hdr
The cyclone (CE 210) shall be operated at all times when the emission units are in operation. See GP 001 for cyclone requirements.	Minn. R. 7007.0800, subp. 2
Maintain air pollution control equipment in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 1
C. PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 365 days after Permit Issuance to measure PM, PM10 and Opacity emissions from SV 055.	Minn. R. 7017.2020, subp. 1
For additional applicable performance test requirements see "General Performance Test Requirements" in Table A, subject item "Total Facility."	
Performance Test: due before end of each 60 months starting 03/21/2005 to measure PM and PM10 emissions.	Minn. R. 7017.2020, subp. 1
Performance Test: due before end of each 60 months starting 11/01/2004 to measure Opacity.	Minn. R. 7017.2020, subp. 1

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-39

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item: SV 056 Pellet Blower Baghouse****Associated Items:** EU 319 Pellet Tank #1 (PT1, BH350)

EU 321 Pellet Tank #2 (PT2, BH350)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. OPERATING REQUIREMENTS	hdr
Maintain air pollution control equipment (CE 302) in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 3(D)

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

A-40

06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item:** SV 057 Pellet Cooler Cyclone**Associated Items:** EU 323 Pellet Cooler (PC341, CY349)

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than 0.3 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity	Minn. R. 7011.0715, subp. 1(B)
B. OPERATING REQUIREMENTS	hdr
Maintain air pollution control equipment (CE 303) in proper operating condition and utilize the air pollution control systems as designed.	Minn. R. 7011.1005, subp. 3(D)

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item:** EU 702 Boiler #2

**Associated Items:** GP 002 Combustion Sources

SV 051 Cleaver Brooks Stack

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.6 lbs/million Btu heat input using 3-hour Rolling Average	Minn. R. 7011.0510, subp. 1; Minn. R. 7011.0545
Sulfur Dioxide: less than or equal to 2.0 lbs/million Btu heat input using 3-hour Rolling Average	Minn. R. 7011.0510, subp. 1; Minn. R. 7011.0545
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0510, subp. 2
B. OTHER LIMITS AND REQUIREMENTS	hdr
Fuel Restriction: authorized to burn natural gas only.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Recordkeeping: Record and maintain records of the fuel combusted on a monthly basis 20 days after the completion of the month.	Minn. R. 7007.0800, subps . 4 and 5
C. INDUSTRIAL BOILER NESHAP REQUIREMENTS, 40 CFR pt. 63, subp. DDDDD	hdr
EU 702 is subject only to the Initial Notification requirement and is not subject to any other requirement in 40 CFR 63, Subpart DDDDD or Subpart A.	40 CFR Section 63.7506(b)

**TABLE A: LIMITS AND OTHER REQUIREMENTS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

**Subject Item:** EU 703 Boiler #3

**Associated Items:** GP 002 Combustion Sources

SV 052 Nebraska Stack

SV 058 Kemnco #3 Boiler Bypass

What to do	Why to do it
A. POLLUTANT LIMITS	hdr
Total Particulate Matter: less than or equal to 0.6 lbs/million Btu heat input using 3-hour Rolling Average	Minn. R. 7011.0510, subp. 1; Minn. R. 7011.0545
Sulfur Dioxide: less than or equal to 2.0 lbs/million Btu heat input using 3-hour Rolling Average	Minn. R. 7011.0510, subp. 1; Minn. R. 7011.0545
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent.	Minn. R. 7011.0510, subp. 2
B. OTHER LIMITS AND REQUIREMENTS	hdr
Fuel Restriction: authorized to burn natural gas and residual oil only.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Recordkeeping: Record and maintain records of the fuel combusted on a monthly basis 20 days after the completion of the month.	Minn. R. 7007.0800, subps . 4 and 5
Sulfur Content of Fuel: less than or equal to 1.0 percent by weight of fuel oil.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Fuel Oil Certification: The Permittee shall obtain and maintain copies of the supplier's guarantee of the sulfur content in the fuel oil or shall conduct laboratory analysis to determine the fuel sulfur content and the list the method used to determine the sulfur content of the fuel.	Title I Condition: To avoid classification as a major modification under 40 CFR Section 52.21
Visible Emissions: The Permittee shall check SV 052 (main) for visible emissions during daylight hours on a daily basis, while burning fuel oil.	Minn. R. 7007.0800, subp. 4
Recordkeeping of Visible Emissions (VE): The Permittee shall keep records on the time and date of VE inspection, whether or not any VEs were observed.	Minn. R. 7007.0800, subp. 5
Recordkeeping of corrective actions: The Permittee shall record the corrective actions taken, as soon as possible as based on the operation and maintenance plan to eliminate any visible emissions.	Minn. R. 7007.0800, subp. 5
INDUSTRIAL BOILER NESHAP REQUIREMENTS, 40 CFR pt. 63, subp. DDDD	hdr
EU 703 is subject to the Initial Notification requirement and is not subject to any other requirement in 40 CFR pt. 63, Subpart DDDDD or Subpart A.	40 CFR Section 63.7506(b)

**TABLE B: SUBMITTALS**

B-1 06/06/06

Facility Name: Ag Processing Inc - Dawson  
Permit Number: 07300002 - 002

Table B lists most of the submittals required by this permit. Please note that some submittal requirements may appear in Table A or, if applicable, within a compliance schedule located in Table C. Table B is divided into two sections in order to separately list one-time only and recurrent submittal requirements.

Each submittal must be postmarked or received by the date specified in the applicable Table. Those submittals required by parts 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 any application for a permit or permit amendment to:

AQ Permit Technical Advisor  
Industrial Division  
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 Technical Advisor notices of:

- accumulated insignificant activities,
- installation of control equipment,
- replacement of an emissions unit, and
- 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

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

Mr. George Czerniak  
Air and Radiation Branch  
EPA Region V  
77 West Jackson Boulevard  
Chicago, Illinois 60604

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

**TABLE B: ONE TIME SUBMITTALS OR NOTIFICATIONS**

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

What to send	When to send	Portion of Facility Affected
Application for Permit Reissuance	due 180 days before expiration of Existing Permit	Total Facility
Fugitive Control Plan	due 60 days after 02/05/2004 to the Commissioner for review and approval. The Permittee shall follow the actions and recordkeeping specified. The plan may be amended by the Permittee with the Commissioner approval. If the Commissioner determines the Permittee is out of compliance with Minn. R. 7011.0150 or the fugitive control plan, then the Permittee may be required to amend the control plan and/or to install and operate particulate matter ambient monitors as requested by the Commissioner.	Total Facility
Notification	due 15 days after Startup of modified SV 018 stating the new fan was installed and is operating.	SV018
Testing Frequency Plan	due 60 days after Initial Performance Test for PM, PM10 and opacity emissions. The plan shall specify a testing frequency based on the test data and MPCA guidance. Future performance tests based on one-year (12 month), 36 month, and 60 month intervals, or as applicable, shall be required upon written approval of the MPCA.	SV027
Testing Frequency Plan	due 60 days after Performance Test for PM emissions. This requirement is a result of Permit Number 002. The plan shall specify a testing frequency based on the test data and MPCA guidance. Future performance tests based on one-year (12 month), 36 month, and 60 month intervals, or as applicable, shall be required upon written approval of the MPCA.	SV018
Testing Frequency Plan	due 60 days after Performance Test for PM, PM10 and Opacity emissions. The plan shall specify a testing frequency based on the test data and MPCA guidance. Future performance tests based on one-year (12 month), 36 month, and 60 month intervals, or as applicable, shall be required upon written approval of the MPCA.	GP003, SV007, SV016, SV017, SV020
Testing Frequency Plan	due 60 days after Performance Test for PM, PM10 and Opacity emissions. The plan shall specify a testing frequency based on the test data and MPCA guidance. Future performance tests based on one-year (12 month), 36 month, and 60 month intervals, or as applicable, shall be required upon written approval of the MPCA.	SV030
Testing Frequency Plan	due 60 days after Performance Test for PM, PM10 and Opacity emissions. The plan shall specify a testing frequency based on the test data and MPCA guidance. Future performance tests based on one-year (12 month), 36 month, and 60 month intervals, or as applicable, shall be required upon written approval of the MPCA.	SV055
Testing Frequency Plan	due 60 days after Performance Test for PM10 emissions. This requirement is a result of Permit Number 002. The plan shall specify a testing frequency based on the test data and MPCA guidance. Future performance tests based on one-year (12 month), 36 month, and 60 month intervals, or as applicable, shall be required upon written approval of the MPCA.	SV018

**TABLE B: RECURRENT SUBMITTALS**

B-3 06/06/06

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002 - 002

<b>What to send</b>	<b>When to send</b>	<b>Portion of Facility Affected</b>
Quarterly Report	due 30 days after end of each calendar quarter following Fuel Usage Report	GP002
Semiannual Deviations Report	due 30 days after end of each calendar half-year starting 02/05/2004 . The first semiannual report submitted by the Permittee shall cover the calendar half-year in which the permit is issued. The first report of each calendar year covers January 1 - June 30. The second report of each calendar year covers July 1 - December 31. If no deviations have occurred, the Permittee shall submit the report stating no deviations.	Total Facility
Compliance Certification	due 31 days after end of each calendar year starting 02/05/2004 (for the previous calendar year). To be submitted on a form approved by the Commissioner, both to the Commissioner and to the US EPA regional office in Chicago. The report covers all deviations experienced during the calendar year.	Total Facility

APPENDIX MATERIAL

Facility Name: Ag Processing Inc - Dawson

Permit Number: 07300002-002

There were no changes to Appendix B as a result of Permit Number 07300002-002.

## Appendix B:

### Insignificant Activities and Applicable Requirements

Description of Activity	Applicable Insignificant Activity	Likely Applicable Requirement
North Shop Space Heaters	Minn. R. 7007.1300, subp. 3. (A)	Minn. R. 7011.0515
Diesel Fuel Tanks	Minn. R. 7007.1300, subp. 3. (E)(1)	Minn. R. 7011.1500
Quality Control Lab	Minn. R. 7007.1300, subp. 3. (G)	Minn. R. 7011.0715/0735
Arc Welders, Plasma Cutter, and Gas Torches/Welders	Minn. R. 7007.1300, subp. 3(H)(4)	Minn. R. 7011.0715/0735

**TECHNICAL SUPPORT DOCUMENT**  
**For**  
**AIR EMISSION PERMIT NO. 07300002-002**

This Technical Support Document (TSD) is intended for all parties interested in the permit and to meet the requirements that have been set forth by the federal and state regulations (40 CFR § 70.7(a)(5) and Minn. R. 7007.0850, subp. 1). The purpose of this document is to provide the legal and factual justification for each applicable requirement or policy decision considered in the determination to issue the permit.

**1. General Information**

**1.1. Applicant and Stationary Source Location:**

Owner and Operator Address and Phone Number	Facility Address (SIC Code: 2075 )
Ag Processing Inc 12700 West Dodge Road Omaha, Nebraska 68103-2047  Mr. Chuck Coffey (402) 431-5107	Ag Processing Inc 800 Diagonal Street, Dawson, Minnesota 56232 Lac Qui Parle County (320) 769-4386

**1.2. Description of the Permit Action**

Ag Processing Inc. owns and operates a soybean processing plant at 800 Diagonal Street, Dawson, Lac Qui Parle County, Minnesota. The stationary sources consists of emission units related to soybean receiving, soybean processing, solvent extraction/recovery, meal processing, steam production, and storage of Volatile Organic Compound (VOC) containing materials. The facility receives raw soybeans and processes them, extracting crude soybean oil from the beans. The crude oil extracted is shipped off-site, to be refined into various products. The by-products of the oil are soy meal and hulls, which are sold for animal feed.

The main sources of emissions from the stationary source are Particulate Matter (PM), Particulate Matter less than 10 microns in size (PM<sub>10</sub>), VOC and Hazardous Air Pollutant (HAP). PM/PM<sub>10</sub> emissions are emitted from the handling and processing of the beans and hulls/meal. Hexane emissions are emitted from the extraction and recovery system. The facility is a major source under federal New Source Review (NSR), federal Operating Program (40 CFR pt. 70) and National Emission Standards for Hazardous Air Pollutants (NESHAPs, 40 CFR pt. 63).

### **1.3 Description of the Activities Allowed by this Permit Action**

The Permittee submitted a request for a minor amendment on January 4, 2006 to install a new fan for the dehulling process thereby increasing the exhaust flow rate through SV018. As a result, this minor amendment increases the emission limit for SV018 of PM from 0.004 to 0.005 gr/dscf, and PM<sub>10</sub> from 0.002 to 0.005 gr/dscf. This request was granted because the new limits are still very stringent and it is realistic for the Permittee to remain in compliance. It is also reasonable to directly correlate the PM<sub>10</sub> limit to the PM limit because the type of particulate matter emissions expected from the dehulling process is predominately PM<sub>10</sub>. The Permittee is able to remain below these stringent limits due to the implementation of Minn. R. 7011.0060 to 7011.0080, and the citations in the Permit were updated to reflect this. The Permit requires the Permittee to complete a performance test for SV018 in order to confirm they are meeting these new limits. Finally, some citations were changed because Minnesota Pollution Control Agency policy has been updated regarding specific language to be used when referencing Title I Conditions.

### **1.4. Facility Emissions:**

**Table 1. Non-Title I Emissions Increase Summary**

Pollutant	After Change (lb/hr)	Before Change (lb/hr)	Net Change (lb/hr)	Insignificant Modification Thresholds (lb/hr <)	Minor and Moderate Amendment Thresholds (lb/hr < or ≥)	Type of Amendment (Minor or Moderate)
PM <sub>10</sub>	0.72	0.24	0.48	0.855	3.42	Minor
NO <sub>x</sub>	NA	NA	NA	2.28	9.13	
SO <sub>2</sub>	NA	NA	NA	2.28	9.13	
CO	NA	NA	NA	5.70	22.80	
VOC	NA	NA	NA	2.28	9.13	
Lead	NA	NA	NA	0.025	0.11	

**Table 3. Total Facility Potential to Emit Summary**

	PM tpy	PM <sub>10</sub> tpy	SO <sub>2</sub> tpy	NO <sub>x</sub> tpy	CO tpy	VOC tpy	Single HAP tpy	All HAPs tpy
Total Facility Limited Potential Emissions	187.77	87.17	NA	NA	NA	NA	NA	NA
Total Facility Actual Emissions (2005)	104.49	71.19	NA	NA	NA	NA	HAPs not reported in emission inventory	

**Table 4. Facility Classification**

Classification	Major/Affected Source	Synthetic Minor	Minor
PSD	VOC		
Part 70 Permit Program	VOC		
Part 63 NESHAP	Hexane		

**2. Regulatory and/or Statutory Basis**

New Source Review

The increase in emissions is less than the threshold for applicability for New Source Review.

Part 70 Permit Program

The facility remains a major source under the Part 70 permit program.

New Source Performance Standards (NSPS)

There are no New Source Performance Standards applicable to the modification.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

The facility is not installing a new process or production unit as a part of this modification.

## Minnesota State Rules

The portions of the facility affected by this modification are subject to the following Minnesota Standards of Performance:

- Minn. R. 7011.0700 – 7011.0735 Standards of Performance for Industrial Process Equipment
- Minn. R. 7011.0060 – 7011.0080 Standards of Performance for Control Technology

**Table 5. Regulatory Overview of Units Affected by the Modification/Permit Amendment**

<b>EU, GP, or SV</b>	<b>Applicable Regulations</b>	<b>Comments:</b>
SV 018	Minn. R. 7011.0060 – 7011.0080	The limit for SV 018 was determined by using the Control Technology rule.

### **3. Technical Information**

The Permit reissued in 2004 cited Minn. R. 7011.0715 as the basis for the PM and PM<sub>10</sub> emission limits from SV 018. After a brief analysis of these limits, it was determined that this rule would not lead to this stringent of a limit. The control technology rule, Minn. R. 7011.0060 – 7011.0080, is a more reasonable justification for the emission limit. Using control efficiencies listed in AP-42 for this type of dehulling equipment and the control technology rule, the emission rate for SV 018 after the exhaust flow rate increase would be approximately 0.003 gr/dscf of PM and 0.0015 gr/dscf of PM<sub>10</sub>.

#### **3.1 Calculations of Potential to Emit**

According to the Permit reissued in 2004, the potential to emit for the total facility was 186.73 tons per year (TPY) of PM, and 85.08 TPY of PM<sub>10</sub>. The potential to emit attributed to SV 018 was 2.09 TPY of PM, and 1.04 TPY of PM<sub>10</sub>. Using the increased emission limits for PM and PM<sub>10</sub> for SV 018, the potential to emit for that unit will increase after the exhaust rate increase per the following calculation:

$$\frac{0.005 \text{ gr}}{\text{ft}^3} * \frac{16,700 \text{ ft}^3}{\text{min}} * \frac{1 \text{ lb}}{7000 \text{ gr}} * \frac{1 \text{ ton}}{2000 \text{ lbs}} * \frac{60 \text{ min}}{\text{hr}} * \frac{8760 \text{ hrs}}{\text{yr}} = 3.13 \text{ TPY PM and PM}_{10}$$

This represents an increase of 1.04 TPY and 2.09 TPY of PM and PM<sub>10</sub>, respectively. Therefore, the total facility potential to emit would increase to 187.77 TPY and 87.17 PTY of PM and PM<sub>10</sub>, respectively.

### **3.2 Periodic Monitoring**

There were no periodic monitoring requirements added to or deleted from the Permit as a result of this modification.

In accordance with the Clean Air Act, it is the responsibility of the owner or operator of a facility to have sufficient knowledge of the facility to certify that the facility is in compliance with all applicable requirements.

In evaluating the monitoring included in the permit, the MPCA considers the following:

- The likelihood of violating the applicable requirements;
- Whether add-on controls are necessary to meet the emission limits;
- The variability of emissions over time;
- The type of monitoring, process, maintenance, or control equipment data already available for the emission unit;
- The technical and economic feasibility of possible periodic monitoring methods; and
- The kind of monitoring found on similar units elsewhere.

### **3.3 Insignificant Activities**

There are no insignificant activities identified as a result of this permit modification

### **3.4 Comments Received**

U.S. Environmental Protection Agency's (EPA) 45-day Review Period: The Permit amendment and TSD were provided to the EPA for review from March 24, 2006 to May 12, 2006. No comments were received from the EPA.

## **4. Conclusion**

Based on the information provided by Ag Processing Inc, the MPCA has reasonable assurance that the operation of the emission facility, as described in the Air Emission Permit No. 07300002-002, and this TSD, will not cause or contribute to a violation of applicable federal regulations and Minnesota Rules.

Staff Members on Permit Team:      Sandra Johnson (permit writer/engineer)  
   Sarah Kilgriff (enforcement)  
   Steve Gorg (stack testing)  
   Amrill Okonkwo (peer reviewer)

Attachments: 1. Calculation Spreadsheets  
                    2. Facility Description and CD-01 Forms