



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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www.deq.idaho.gov

C.L. "Butch" Otter, Governor
John H. Tippetts, Director

December 9, 2016

Rudy deWit, Director of Idaho Food Safety
Thresher Artisan Wheat - Pocatello
465 West Hwy 26
Blackfoot, ID 83221

RE: Facility ID No., 005-00013, Project No. 61817, Thresher Artisan Wheat - Pocatello,
Pocatello
Facility Name Change by Permit to Construct Revision

Dear Mr. deWit:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2016.0066, project 61817 to change the name of the facility from General Mills Operation, Inc. to Thresher Artisan Wheat - Pocatello. This PTC is issued in accordance with IDAPA 58.01.01.209.04 of the Rules for the Control of Air Pollution in Idaho and is based on the certified information received on November 17, 2016. The facility name change is based on the following information:

Previous Facility Information

Permittee:	AgSpring Idaho LLC (formerly known as General Mills Operation, Inc.)
Mailing Address:	300 East Hayden, Pocatello, Idaho 83201
Facility Location:	Same as mailing address
Facility Contact:	Allan Besich, Manager, QRO
Phone Number:	(406) 761-6252
Responsible Official:	not available

Updated Facility Information

Permittee:	Thresher Artisan Wheat - Pocatello
Mailing Address:	465 West Hwy 26, Blackfoot, ID 83221
Facility Location:	300 East Hayden, Pocatello, Idaho 83201
Facility Contact:	Rudy deWit, Director of Idaho Food Safety
Phone Number:	(208) 785-0675
E-mail Address:	rdewit@thresherwheat.com
Responsible Official:	Same as facility contact

This permit incorporates all permit conditions from PTC No. P-970132, issued on February 13, 1998 except for the following minor changes:

- Permit numbers are updated to current format.
- Permit General Provisions have been updated.
- Table 1.1 is added to include regulated sources that were listed in the technical memo for the 1998 PTC.
- Two years information keeping requirement is changed to five years information keeping requirement in Permit Conditions 2.9 and 2.10 to be consistent with the record keeping requirement in General Provisions.
- "The source test was performed on March 16, 17, 19 and 20, 1999." is added to Permit Condition 2.12.

This permit is effective immediately and replaces PTC No. P-970132, issued on February 13, 1998. This permit does not release Thresher Artisan Wheat - Pocatello from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Rick Elkins, Air Quality Analyst, at (208) 236-6160 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends that the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any other staff responsible for day-to-day compliance with permit conditions.

If you have any questions, please contact Shawnee Chen at (208) 373-0502 or Shawnee.chen@deq.idaho.gov.

Sincerely,



Mike Simon
Stationary Source Program Manager
Air Quality Division

Attachment

MS/SYC

Permit No. P-2016.0066 PROJ 61817

Air Quality

PERMIT TO CONSTRUCT

Permittee Thresher Artisan Wheat - Pocatello
Permit Number P-2016.0066
Project ID 61817
Facility ID 005-00013
Facility Location 300 E Hayden Street
Pocatello, ID 83201

Permit Authority

This permit (a) is issued according to the "Rules for the Control of Air Pollution in Idaho" (Rules), IDAPA 58.01.01.200–228; (b) pertains only to emissions of air contaminants regulated by the State of Idaho and to the sources specifically allowed to be constructed or modified by this permit; (c) has been granted on the basis of design information presented with the application; (d) does not affect the title of the premises upon which the equipment is to be located; (e) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (f) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; and (g) in no manner implies or suggests that the Idaho Department of Environmental Quality (DEQ) or its officers, agents, or employees assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment. Changes in design, equipment, or operations may be considered a modification subject to DEQ review in accordance with IDAPA 58.01.01.200–228.

Date Issued December 9, 2016



Shawnee Chen, P.E., Permit Writer



Mike Simon, Stationary Source Manager

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1 Permit Scope

Purpose

- 1.1 This is a revised permit to construct (PTC) for a facility name change. [12/9/2016]
- 1.2 Those permit conditions that have been modified or revised by this permitting action are identified by the permit issue date citation located directly under the permit condition and on the right-hand margin. [12/9/2016]
- 1.3 This PTC replaces the initial Permit to Construct No. P-970132, issued on February 13, 1998. [12/9/2016]

Regulated Sources

Table 1.1 lists all sources of regulated emissions in this permit.

Table 1.1 Regulated Sources

Permit Section	Source	Control Equipment
2	<u>Grain Conditioning Facility</u> Maximum Design Capacity: 1,000 bushels/hour Equipment: M208 Separator Aspirator Quad Stacked Indent Cylinders Destoner Horizontal Scourer Buhler Tempering System Universal Legs L-2/ L-3 & L-4	<u>Baghouse filter (EP-1)</u> LMC West Model 144 FSD-12 99.97% control efficiency
2	<u>Reclaim Facility</u> Maximum Design Capacity: 1,800 bushels/yr Equipment: 1,800 bushels/yr S206 Carter Day Aspirator Reclaim Leg Reclaim Bin Universal Leg 0	<u>Baghouse filter (EP-2)</u> LMC West Model 144 FSD-12 99.97% control efficiency

[12/9/2016]

2 Grain Conditioning Facility

2.1 Process Description and Control Device Descriptions

The grain conditioning facility processes (cleans) wheat stored in the adjacent grain elevator. The equipment includes: aspirators; screens; storage bins; elevators; conveying systems; and receiving, storage, and loadout equipment. A ventilation system with filters is used to control particulate emissions from the grain cleaning process equipment.

Also, a reclaim leg is installed to recover oversized materials from a new pre-cleaner. Emissions from this equipment will be controlled by a new ventilation system and baghouse.

Emission Limits

2.2 Emission Limits

Particulate matter with an aerodynamic diameter less than or equal to a nominal ten micrometers (PM-10) emissions from the grain conditioning equipment emission control system and reclaim emission control system shall not exceed any corresponding emission rate limit listed in Table 2.1.

Table 2.1 Grain Conditioning and Reclaim Facilities Emission Limits
Daily (lb/day) and Annual (T/yr) Emission Limits ^a

No.	Source Description	PM ₁₀	
		lb/day	T/yr
EP-1	Reclaim Process Ventilation System Dust Filter Stack	41.0	7.47
EP-2	Grain Conditioning Ventilation Dust Filter Stack	34.6	6.29
Total		75.6	13.76

a. As determined by a pollutant-specific U.S. EPA reference method, DEQ-approved alternative, or as determined by the DEQ's emission estimation methods used in the permit application analysis.

2.3 Opacity Limit

Emissions from any stack, vent, or functionally equivalent opening shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined using the procedures contained in DEQ's "Procedures Manual for Air Pollution Control."

2.4 Visible Emission Limits at Property Boundary

Fugitive emissions shall not be observed leaving the property boundary for a period or periods aggregating more than three (3) minutes in any 60-minute period. Visible emissions shall be determined by Method 22, 40 CFR Part 60, Appendix A, or a DEQ-approved alternative method.

Operating Requirements

2.5 Throughput Limits

2.5.1 The feed input rate to the grain conditioning facility shall not exceed a maximum of eight hundred sixty four tons per day (864 T/day) or a maximum of three hundred fifteen thousand tons per year (315,000 T/yr).

- 2.5.2 The feed input rate to the reclaim facility shall not exceed a maximum of one thousand four hundred forty tons per day (1,440 T/day) or a maximum of five hundred twenty five thousand tons per year (525,000 T/yr).

2.6 Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent particulate matter from becoming airborne. In determining what is reasonable, considerations will be given to factors such as the proximity of dust emitting operations to human habitations and/or activities and atmospheric conditions which might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:

- 2.6.1 Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands;
- 2.6.2 Application, where practical, of asphalt, oil, water, or suitable chemicals to, or covering of dirt roads, material stockpiles, and other surfaces which can create dust;
- 2.6.3 Installation and use, where practical, of hoods, fans, and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations;
- 2.6.4 Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts;
- 2.6.5 Paving of roadways and their maintenance in a clean condition, where practical; or
- 2.6.6 Prompt removal of earth or other stored material from streets, where practical.

2.7 Air Pollution Control Equipment Requirements

- 2.7.1 The permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer's specifications, equipment to continuously measure the pressure differential across each particulate filter.
- 2.7.2 The pressure drop across the filter shall be maintained within the manufacturer's and Operations and Maintenance (O&M) Manual's specifications. Documentation of both the manufacturer's and O&M Manual's operating pressure drop specifications shall remain on-site at all times and shall be available to DEQ representatives upon request.

2.8 Operations and Maintenance Manual Requirements

Within sixty (60) days of the issuance of this permit, the permittee shall have developed an O&M Manual for the filter equipment which describes the procedures that will be followed to comply with General Provision 3.2 and the air pollution control equipment requirements contained in this permit. The manual shall remain on-site at all times and shall be available to DEQ representatives upon request.

Monitoring and Recordkeeping Requirements

2.9 Throughput Monitoring

The permittee shall monitor and record the amount of feed to the grain conditioning facility and reclaim facility in tons per day (T/day) and tons per year (T/yr). The most recent five (5) years' compilation of this information shall be kept on-site, in a log, and be available to DEQ representatives upon request.

[12/9/2016]

2.10 Air Pollution Control Equipment

The pressure drop across each filter shall be monitored and recorded on a weekly basis. The most recent five (5) years' compilation of this information shall be kept on-site, in a log, and be available to DEQ representatives upon request.

[12/9/2016]

2.11 Fugitive Dust Log

The permittee shall maintain a log of all fugitive dust complaints received. The validity of the complaints shall be assessed, and this assessment and any corrective action will be recorded in the log.

Performance Testing Requirements

2.12 Performance Test

Within one hundred eighty (180) days of starting up the facility or within sixty (60) days of reaching the maximum production rate specified in this permit, whichever occurs first, the permittee shall conduct a performance test, according to the DEQ's Procedures Manual for Air Pollution Control, to demonstrate compliance with emissions limits in Permit Conditions 2.2 and 2.3. A visible emission determination at the property boundary shall also be conducted to demonstrate compliance with this permit. The production rate of the affected equipment shall be monitored and recorded during the performance test. The source test was performed on March 16, 17, 19 and 20, 1999.

[12/9/2016]

Reporting Requirements

2.13 Certification of Documents

All documents, including, but not limited to, application forms for Permits to Construct, monitoring data, supporting information, requests for confidential treatment, testing reports or compliance certifications submitted to the DEQ shall contain a certification by a responsible official in accordance with IDAPA 16.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

2.14 Performance Test Protocol

The permittee shall submit a performance test protocol to the DEQ for approval at least thirty (30) days prior to the test date.

2.15 Performance Test Report

The permittee shall submit a written report of the performance test results, including all required process data, to the DEQ within forty-five (45) days after the date on which the performance test is concluded.

3 General Provisions

General Compliance

3.1 The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the “Rules for the Control of Air Pollution in Idaho.” The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit, the “Rules for the Control of Air Pollution in Idaho,” and the Environmental Protection and Health Act (Idaho Code §39-101, et seq.)

[Idaho Code §39-101, et seq.]

3.2 The permittee shall at all times (except as provided in the “Rules for the Control of Air Pollution in Idaho”) maintain in good working order and operate as efficiently as practicable all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.

[IDAPA 58.01.01.211, 5/1/94]

3.3 Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules, and regulations.

[IDAPA 58.01.01.212.01, 5/1/94]

Inspection and Entry

3.4 Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:

- Enter upon the permittee’s premises where an emissions source is located, emissions-related activity is conducted, or where records are kept under conditions of this permit;
- Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
- Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
- As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108]

Construction and Operation Notification

3.5 This permit shall expire if construction has not begun within two years of its issue date, or if construction is suspended for one year.

[IDAPA 58.01.01.211.02, 5/1/94]

3.6 The permittee shall furnish DEQ written notifications as follows:

- A notification of the date of initiation of construction, within five working days after occurrence; except in the case where pre-permit construction approval has been granted then notification shall be made within five working days after occurrence or within five working days after permit issuance whichever is later;
- A notification of the date of any suspension of construction, if such suspension lasts for one year or more;

- A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date; and
- A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date; and
- A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

[IDAPA 58.01.01.211.03, 5/1/94]

Performance Testing

- 3.7** If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.
- 3.8** All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.
- 3.9** Within 60 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

[IDAPA 58.01.01.157, 4/5/00 and 4/11/15]

Monitoring and Recordkeeping

- 3.10** The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Monitoring records shall include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.211, 5/1/94]

Excess Emissions

- 3.11 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130–136 for excess emissions due to start-up, shut-down, scheduled maintenance, safety measures, upsets, and breakdowns.

[IDAPA 58.01.01.130–136, 4/5/00]

Certification

- 3.12 All documents submitted to DEQ—including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification—shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

[IDAPA 58.01.01.123, 5/1/94]

False Statements

- 3.13 No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

Tampering

- 3.14 No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

Transferability

- 3.15 This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

[IDAPA 58.01.01.209.06, 4/11/06]

Severability

- 3.16 The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

[IDAPA 58.01.01.211, 5/1/94]