

STATE OF IDAHO
 PERMIT TO CONSTRUCT
 AN AIR POLLUTION
 EMITTING SOURCE

PERMIT NUMBER

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AQCR

0 6 1

CLASS

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ZONE

1 2

UTM COORDINATE (km)

4 6 7 0 4 7 4 8 5

1. PERMITTEE
P4 Production, LLC
2. PROJECT
100 Ton/Hour Rock Crusher and Associated Conveyors
3. MAILING ADDRESS
PO Box 816
- CITY
Soda Springs
- STATE
ID
- ZIP CODE
83276
4. SITE LOCATION COUNTY
Caribou
- NO. OF FULL TIME EMPLOYEES
83
- PROPERTY AREA AT SITE (Acreage)
700
5. PERSON TO CONTACT
Beth Elroy
- TITLE
Environmental Engineer
- TELEPHONE
(208) 547-4300
6. EXACT PLANT LOCATION
S21, R43E, T6S; .20 miles Northeast of Soda Springs, Idaho
7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS
Phosphate Ore Mining and Chemical Manufacturing, Producing Elemental Phosphorus

GENERAL CONDITIONS

This permit is issued according to the Rules for the Control of Air Pollution in Idaho, Section 16.01.01012, and pertains only to emissions of air contaminants which are regulated by the State of Idaho and to the sources specifically allowed to be constructed by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located, (b) 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, (c) does not release the permittee from compliance with other applicable federal, state, tribal or local laws, regulations, or ordinances, (d) in no manner implies or suggests that the Department of Health and Welfare, or its officers, agents, or employees, assumes 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.

This permit is not transferable to another person, place, piece or set of equipment. This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

THIS PERMIT HAS BEEN GRANTED ON THE BASIS OF DESIGN INFORMATION PRESENTED WITH ITS APPLICATION. CHANGES OF DESIGN OR EQUIPMENT THAT RESULT IN ANY CHANGE IN THE NATURE OR AMOUNT OF EMISSIONS MUST BE APPROVED IN ADVANCE BY THE DEPARTMENT

Dwight D. Gray
 ASSISTANT ADMINISTRATOR
 DIVISION OF ENVIRONMENTAL QUALITY

DATE: November 25, 1997
 (previously issued March 29, 1994)

PERMIT TO CONSTRUCT

P E R M I T N U M B E R

PERMITTEE, PROJECT, AND LOCATION

P4 Production, LLC
 Enoch Valley Mine
 20 Miles Northeast of Soda Springs, Idaho

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SOURCE

100 Ton/Hour Rock Crusher and Associated Conveyors

1. SOURCE DESCRIPTION

1.1 Process Description

The crusher will be used to process phosphate ore prior to shipment to the Soda Springs Plant. A diverter chute will direct over-sized ore to either the crusher via a conveyor or the existing reject conveyor. The crushed material will be returned to the existing system via a second conveyor.

1.2 Controls

Emissions from the rock crushing are uncontrolled. However, the ore has a moisture content of greater than eleven percent (11%) and will result in reduced fugitive emissions.

1.3 Equipment Listing

1.3.1 One 100 tons-per-hour crusher, electrically driven.

1.3.2 One diverter chute.

1.3.3 Two open conveyor belts.

2. EMISSION LIMITS

2.1 Visible Emissions at Crusher Limited to 15 Percent Opacity

Visible emissions from the crusher shall not exhibit greater than fifteen percent (15%) opacity, as required in 40 CFR Part 60, Subpart 000, and as determined by procedures contained in the Department's "Evaluation of Visible Emission" manual and as required in accordance with IDAPA 16.01.01201 (Rules for the Control of Air Pollution in Idaho).

2.2 Visible Emissions at Transfer Points Limited to 10% Opacity

Visible emissions from any transfer point on belt conveyors shall not exhibit greater than ten percent (10%) opacity, as required in 40 CFR Part 60, Subpart 000, and as determined by procedures contained in the Department's "Evaluation of Visible Emissions" manual and as required in accordance with IDAPA 16.01.01201.

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SOURCE

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3. OPERATING REQUIREMENTS

3.1 Minimum Distance of 800 feet between Crusher and Facility Boundary

There shall be a minimum distance of eight hundred (800) feet between this rock crusher and any property boundary.

3.2 Rock Throughput Shall be Limited to 100 Tons/Hour

Rock throughput into the crushing process shall be limited to 100 tons per hour.

4. REPORTING REQUIREMENTS

4.1 Submit Written Notification to the U.S. Environmental Protection Agency and Idaho DEQ

The permittee shall notify the United States Environmental Protection Agency in writing of the following events and within the time specified:

- a) Initiation of Construction - no later than 30 days after.
- b) Anticipated Production Start-up - between 30 and 60 days before.
- c) Actual Production Start-up - no later than 15 days after.
- d) Opacity Observations - at least 30 days prior.

4.2 Submit Written Report Demonstrating Compliance With Section 2

Within sixty (60) days after achieving maximum production rate, but no later than one hundred eight (180) days after initial start-up, the permittee shall conduct opacity tests and submit a written report to the Department and the United States Environmental Protection Agency demonstrating compliance with Section 2, Emission Limits.

4.3 Recording and Retention of Records for Two (2) Years

The permittee shall record the hours of operation and daily rock throughput in a monthly report to be retained on site for a two (2) year minimum period and to be made available to DEQ employees upon request.

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PERMIT TO CONSTRUCT GENERAL PROVISIONS

- A. 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 emission 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 and the Rules for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code 39-101, et.seq.
- B. 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.
- C. The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
1. To enter at reasonable times upon the premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 2. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and require stack emission testing in conformance with the Department's Procedures Manual for Air Pollution Control when deemed appropriate by the Director.
- D. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- E. The permittee shall notify the Idaho Air Quality Bureau, in writing, of the required information for the following events within five working days after occurrence:
1. Initiation of Construction - Date
 2. Completion/Cessation of Construction - Date
 3. Actual Production Start-up - Date
 4. Initial Date of Achieving Maximum Production Rate - Production Rate and Date
- F. If emission testing is specified, the permittee must schedule such testing within sixty (60) days after achieving the maximum production rate, but not later than one hundred and eighty (180) days after initial start-up. Such testing must strictly adhere to the procedures outlined in the Department's Procedures Manual for Air Pollution Control, and will not be conducted on weekends or state holidays. Testing procedures and specific time limitations may be modified by the Idaho Air Quality Bureau by prior negotiation if conditions warrant adjustment. The Idaho Air Quality Bureau shall be notified at least fifteen (15) working days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to the Department upon request.
- The performance tests will be performed at the maximum production rate. If this maximum rate is not achieved during testing, the allowable production rate will be limited to the production rate attained during testing.
- G. 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.

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