



STATE OF IDAHO
DIVISION OF
ENVIRONMENTAL QUALITY

1445 North Orchard • Boise, Idaho 83706-2239 • (208) 373-0550

Dirk Kempthorne, Governor
C. Stephen Allred, Administrator

June 16, 2000

CERTIFIED MAIL #P 218 222 649

Mr. Derek S. Nelson, Estimator
Western Construction, Inc.
10139 S. Federal Way
Boise, ID 83715-0569

RE: P-000008, Western Construction, Inc.; Boise
(PTCs: 777-00231, 777-00042, 777-00098, & 777-00212)

Dear Mr. Nelson:

In accordance with IDAPA 16.01.01.209.01b.i, and per your request dated May 3, 2000; please find the enclosed permits numbered: 777-0231, 777-00042, 777-00098, & 777-00212.

If you have any questions regarding the terms or conditions of the enclosed permits, please contact Tom Krinke, Air Quality Engineer, at (208) 373-0550.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen E. West".

Stephen E. West
Regional Administrator
Boise Regional Office

SW/EA/ld 84634 J:\XFER\AIR_PERMIBRO\PTC\WESTER-11000008A.PL

Enclosures

cc: DEQ State Office
Boise RO
EPA Region 10

STATE OF IDAHO PERMIT TO CONSTRUCT AN AIR POLLUTION EMITTING SOURCE	PERMIT NUMBER 777 - 00093 AQCR CLASS SIC [][][] - A 2 1 4 4 2 ZONE UTM COORDINATE (km) [][] [][][] [] [][][][] []
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1. PERMITTEE

Western Construction Inc.

2. PROJECT

Portable Rock Crushing Plant

3. MAILING ADDRESS

P.O. Box 15569

CITY

Boise

STATE

Idaho

ZIP CODE

83715

4. SITE LOCATION COUNTY

Ada

NO. OF FULL-TIME EMPLOYEES

9

PROPERTY AREA AT SITE (Acreage)

Varies

5. PERSON TO CONTACT

Greg Collins

TITLE

Superintendent

TELEPHONE

(208) 345-1440

6. EXACT PLANT LOCATION

Portable

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Rock Crushing (Including Aggregate, Asphalt, and Concrete Production when Collocated)

8. GENERAL CONDITIONS

This permit is issued according to the *Rules for the Control of Air Pollution in Idaho*, Section 16.01.01.200, and pertains only to emissions of air contaminants that 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 Idaho Department of Health and Welfare, Division of Environmental Quality (DEQ) 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 may require Department approval pursuant to the *Rules for the Control of Air Pollution in Idaho*, IDAPA 16.01.01.200, et.seq.


 ADMINISTRATOR, BOISE REGIONAL OFFICE
 DIVISION OF ENVIRONMENTAL QUALITY

DATE: June 16, 2000

PERMIT TO CONSTRUCT
PERMITTEE, PROJECT, AND LOCATION

Western Construction Inc.
Rock Crusher
Portable

PERMIT NUMBER

7 7 7 - 0 0 0 9 8

SOURCE

Portable Rock Crusher

A. STATEWIDE REQUIREMENTS

The Permittee shall comply with the following sourcewide conditions when the rock crushing facility is operated anywhere (nonattainment, attainment, or unclassifiable areas) within the State of Idaho.

A.1 EMISSION LIMITS

A.1.1 Crusher Opacity Limit

Particulate matter (PM) emissions from portable rock crushers shall not exhibit more than fifteen percent (15%) opacity. Opacity shall be determined using the procedures specified in IDAPA 16.01.01.625 (*Rules for the Control of Air Pollution in Idaho*).

A.1.2 Transfer Point Opacity Limit

PM emissions from any transfer point on belt conveyors, or from each grinding mill, screening operation, bucket elevator, belt conveyor bagging operation, storage bin, enclosed truck, or rail car loading station shall not exhibit greater than ten percent (10%) opacity. Opacity shall be determined using the procedures specified in IDAPA 16.01.01.625.

A.1.3 Opacity Limit

Emissions emanating from any stack, vent, or other functionally equivalent opening, shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period as required in IDAPA 16.01.01.625. Opacity shall be determined using the procedures contained in IDAPA 16.01.01.625.

A.1.4 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 sixty (60) minute period. Visible emissions shall be determined by Method 22, as described in 40 CFR Part 60, Appendix A, or a DEQ-approved alternative method.

A.2 OPERATING REQUIREMENTS

A.2.1 Number of Crushers and Generators

The rock crushing facility shall not use more than four (4) crushers and a one thousand, two hundred and twenty-kilowatt (1,220-kW) generator.

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A.2.2 Reasonable Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent PM from becoming airborne as required in IDAPA 16.01.01.651. 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 PM. Some of the reasonable precautions include, but are not limited to, the following:

A.2.2.1 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;

A.2.2.2 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;

A.2.2.3 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;

A.2.2.4 Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts;

A.2.2.5 Paving of roadways and their maintenance in a clean condition, where practical; or

A.2.2.6 Prompt removal of earth or other stored material from streets, where practical.

A.2.3 Fugitive Dust Control Plan

Within sixty (60) days of issuance of the permit, the permittee shall have developed and submitted to the appropriate DEQ Regional Office a Fugitive Dust Control Plan for the crushing facility. This plan shall include the following information:

A.2.3.1 Identify and list all areas of operations where fugitive dust may be generated (i.e. haul roads, vehicle traffic areas, storage piles, transfer points, etc.).

A.2.3.2 For each fugitive dust source listed, identify and describe the type of control methods and procedures to be used to control fugitive emissions (i.e. application of water or chemical dust suppressants, covering open trucks transporting dusty material, paving of roadways, etc.).

A.2.3.3 The plan shall include a log to record when each fugitive dust source is controlled and the type of control used. A sample copy of the log shall be submitted to DEQ with the Fugitive Dust Control Plan for DEQ approval.

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A.3 MONITORING AND RECORDKEEPING REQUIREMENTS

A.3.1 Monitor Facility Throughput

The Permittee shall monitor and record the location (nonattainment, attainment, or unclassifiable areas), and the total throughput of aggregate to the crushing facility on a daily basis. The most recent two (2) years' compilation of data shall be kept on site, in a log, and shall be made available to DEQ representatives upon request.

A.3.2 Monitor Generator Hours of Operation

The Permittee shall monitor and record the generator's hours of operation on a daily basis if generator hours of operation are limited in Sections B, C, or D of this permit. The most recent two (2) years' compilation of data shall be kept on site, in a log, and shall be made available to DEQ representatives upon request.

A.3.3 Initial 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 40 CFR 60.675 and IDAPA 16.01.01.157 on all equipment affected by 40 CFR 60.670, to demonstrate compliance with this permit. A visible emissions determination at the property boundary shall also be conducted to demonstrate compliance with this permit. The aggregate production rate of the facility shall be monitored and recorded during the performance test.

A.4 REPORTING REQUIREMENTS

A.4.1 Performance Test Protocol

Prior to conducting any emission test, the Permittee is strongly encouraged to submit in writing to DEQ, at least thirty (30) days in advance, a performance test protocol in accordance with IDAPA 16.01.01.157.01.a.

A.4.2 Performance Test Report

In accordance with IDAPA 16.01.01.157.04, the Permittee shall submit a written report of the performance test results to DEQ within thirty (30) days of completion of the test.

A.4.3 Relocation

All existing portable equipment shall be registered. At least ten (10) days prior to relocation of any equipment covered by this permit, the Permittee shall submit a complete Portable Equipment Registration and Relocation Form (supplied by DEQ) in accordance with IDAPA 16.01.01.500 and a scaled plot plan to the nearest DEQ Regional Office listed below:

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Portable Rock Crusher

Boise Regional Office

1445 N. Orchard
Boise, ID 83706-2239
(208) 373-0502 phone
(208) 373-0287 fax

Coeur d'Alene Regional Office

2110 Ironwood Parkway
Coeur d'Alene, ID 83814
(208) 769-1422 phone
(208) 769-1404 fax

Idaho Falls Regional Office

900 N. Skyline, Suite B
Idaho Falls, ID 83402
(208) 528-2650 phone
(208) 528-2605 fax

Lewiston Regional Office

1118 "F" Street
Lewiston, ID 83501
(208) 799-4370 phone
(208) 699-3451 fax

Pocatello Regional Office

224 South Arthur
Pocatello, ID 83204
(208) 236-6160 phone
(208) 236-6168 fax

Twin Falls Regional Office

601 Pole Line Road, Suite 2
Twin Falls, ID 83301
(208) 736-2190 phone
(208) 736-2194 fax

A.4.4 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, and compliance certifications submitted to DEQ 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.

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B. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS WHEN NOT COLLOCATED

The Permittee shall comply with the conditions in Section A of this permit and the following permit conditions when the rock crushing facility is operated in any attainment or unclassifiable areas, and when it is not collocated, within the State of Idaho.

B.1 OPERATING REQUIREMENTS

B.1.1 Facility Throughput Limits

The production rate of the rock crushing facility shall not exceed a maximum of one million, three hundred forty thousand, eight hundred sixty-eight tons per any consecutive 12-month period (1,340,868 T/yr) when located in any attainment or unclassifiable area.

B.1.2 Collocation Requirements

When the rock crushing facility is to be collocated with another portable rock crushing plant, concrete batch plant, or hot-mix asphalt plant, the collocation requirements of Section C of this permit must be complied with.

B.1.3 Generator Hours of Operation

The generator shall not be operated more than six thousand, seven hundred six hours per any consecutive 12-month period (6,706 hr/yr) when located in any attainment or classifiable area.

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SOURCE

Portable Rock Crusher

C. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS WHEN COLLOCATED

The Permittee shall comply with the conditions in Section A of this permit and the following permit conditions when the rock crushing facility is to be collocated with another portable rock crushing plant, concrete batch plant, or hot-mix asphalt plant within the State of Idaho. The rock crusher may only collocate with either one (1) portable concrete batch plant, one (1) portable hot-mix asphalt plant, or one (1) other portable rock crusher which has been permitted to specifically allow collocation.

C.1 OPERATING REQUIREMENTS

C.1.1 Collocation Areas

The rock crushing facility may collocate in attainment or unclassifiable areas only. The Permittee shall not collocate in a nonattainment area or proposed nonattainment area without obtaining a permit which specifically allows for collocation in a nonattainment area.

C.1.2 Number of Portable Sources

The rock crushing facility may only collocate with either one (1) portable concrete batch plant, one (1) portable hot-mix asphalt plant, or one (1) other portable rock crushing plant which has been permitted to specifically allow collocation (each plant must have a collocation permit).

C.1.3 Facility Throughput Limits

The production rate of the rock crushing facility shall not exceed a maximum of six hundred seventy thousand, four hundred thirty-four tons per any consecutive 12-month period (670,434 T/yr) when collocated with another rock crushing plant, concrete batch plant, or hot-mix asphalt plant.

C.1.4 Generator Hours of Operation

The generator shall not be operated more than three thousand, three hundred fifty-three hours per any consecutive 12-month period (3,353 hr/yr) when collocated with another rock crushing plant, concrete batch plant, or hot-mix asphalt plant.

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Portable Rock Crusher

D. NONATTAINMENT AREA REQUIREMENTS

The Permittee shall comply with the conditions in Section A of this permit and the following permit conditions whenever the rock crushing facility is operated in areas designated as nonattainment for particulate matter with an aerodynamic diameter of less than or equal to a nominal ten (10) microns (PM-10) within the State of Idaho. While operating the rock crushing facility under the conditions set forth in Section D, the rock crusher may not collocate with any other facility.

D.1 OPERATING REQUIREMENTS

D.1.1 Facility Throughput Limits

The production rate of the rock crushing facility shall not exceed a maximum of one million, three hundred forty thousand, eight hundred sixty-eight tons per any consecutive 12-month period (1,340,868 T/yr) when located in any PM-10 nonattainment area or proposed PM-10 nonattainment area.

D.1.2 Collocation Requirements

The rock crushing facility shall not be collocated with another portable rock crushing, concrete batch, or hot-mix asphalt plant when located in any PM-10 nonattainment area or proposed PM-10 nonattainment area.

D.1.3 Generator Hours of Operation

The generator shall not be operated more than six thousand, seven hundred six hours per any consecutive 12-month period (6,706 hr/yr) when located in any PM-10 nonattainment area or proposed PM-10 nonattainment area.

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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 the 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 IDAPA 16.01.01.157 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 DEQ, in writing, of the required information for the following events within five (5) working days after occurrence:
1. Initiation of Construction - Date
 2. Completion/Cessation of Construction - Date
 3. Actual Production Startup - 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 startup. Such testing must **strictly** adhere to the procedures outlined in IDAPA 16.01.01.157, and shall not be conducted on weekends or state holidays without prior written DEQ approval. Testing procedures and specific time limitations may be modified by DEQ by prior negotiation if conditions warrant adjustment. DEQ shall be notified at least fifteen (15) days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to DEQ upon request.
- The maximum allowable operating rate shall be limited to 120% of the average operating rate attained during any performance test period, for which a test protocol has been granted prior approval by DEQ, unless (1) the test demonstrates noncompliance, (2) a more restrictive operating limit is specified elsewhere in this permit, or (3) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.
- 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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