



STATE OF IDAHO
DIVISION OF
ENVIRONMENTAL QUALITY

2110 Ironwood Parkway • Coeur d'Alene, Idaho 83814-2648 • (208) 769-1422

Dirk Kempthorne, Governor
C. Stephen Allred, Administrator

April 12, 2000

CERTIFIED MAIL # Z 440 612 690

Corky Witherwax
Environmental Manager
Interstate Concrete and Asphalt
845 West Kathleen Avenue
Coeur d'Alene, Idaho 83815

RE: P-990161, Interstate Concrete and Asphalt, Coeur D'Alene
(Concrete Batch Plant, PTC No. 055-00049)

Dear Mr. Witherwax:

On December 20, 1999, the Idaho Department of Health and Welfare, Division of Environmental Quality (DEQ) received a Permit to Construct (PTC) application from Interstate Concrete and Asphalt for a concrete batching facility. The facility is located at Coeur D'Alene, Idaho. Based on review of the application and all applicable state and federal rules and regulations, DEQ finds that this project meets the provisions of IDAPA 16.01.01.200 (*Rules for the Control of Air Pollution in Idaho*). Enclosed is PTC No.055-00049 for the concrete batching facility.

This permit does not release the Permittee from compliance with all other applicable federal, state, local, or tribal laws, regulations, or ordinances. With regard to collocation with another portable facility, conservative assumptions were used to derive the throughput limitations. If this throughput is too restrictive for a particular project, contact DEQ prior to collocation and request a detailed site-specific analysis.

Please pay particular attention to the reporting requirements contained in Paragraph E of the General Provisions section of the permit. This information is needed to properly track the progress of the permit. Please refer to the appropriate permit number when submitting reports required in the Reporting Requirements section of the permit.

You are strongly encouraged to request a meeting with DEQ to discuss the permit terms and requirements with which your facility must comply. Mr. Tom Harman of the Coeur D'Alene Regional Office will contact you regarding this meeting. DEQ strongly recommends that in addition to your facility's plant manager, your responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions also attend the meeting.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings," by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street, Tenth Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the date of this decision. However, DEQ encourages you to contact the State Air Quality Permit Program to address any concerns you may have with the enclosed permit prior to filing a petition for a contested case.

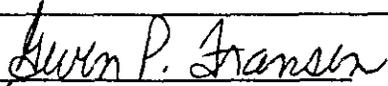
If you have any questions regarding the terms or conditions of the enclosed permit, contact Tom Harman at (208)769-1422.

Sincerely,

Gwen P. Fransen
Administrator
Coeur D'Alene Regional Office

DH/ik J:\XFER\NSR\COA_ROIP-990161\990161.PL

cc: State Technical Services Office
EPA Region 10

STATE OF IDAHO PERMIT TO CONSTRUCT AN AIR POLLUTION EMITTING SOURCE		PERMIT NUMBER 0 5 5 - 0 0 0 4 9					
		AQCR 0 6 2		CLASS B		SIC 3 2 7 3	
		ZONE 1 1		UTM COORDINATE (km) 5 1 5 . 4 , 5 2 8 5 . 0			
1. PERMITTEE							
Interstate Concrete and Asphalt							
2. PROJECT							
Concrete Batch Plant							
3. MAILING ADDRESS			CITY		STATE	ZIP CODE	
845 West Kathleen Avenue			Coeur d'Alene		Idaho	83815	
4. SITE LOCATION COUNTY		NO. OF FULL-TIME EMPLOYEES		PROPERTY AREA AT SITE (Acreage)			
Kootenai		52		80 Acres			
5. PERSON TO CONTACT			TITLE		TELEPHONE		
Corky Witherwax			Environmental Manager		(208) 765-1144		
6. EXACT PLANT LOCATION							
845 West Kathleen Avenue E½, SW¼, Sec. 35 T51N, R4W							
7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS							
Concrete Production (Including Aggregate, Asphalt, and Concrete Production when Collocated)							
8. GENERAL CONDITIONS							
<p>This permit is issued according to the <i>Rules for the Control of Air Pollution in Idaho</i>, 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.</p> <p>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, © 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.</p> <p>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.</p> <p>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 <i>Rules for the Control of Air Pollution in Idaho</i>, IDAPA 16.01.01.200, et.seq.</p>							
 ADMINISTRATOR, COEUR D'ALENE REGIONAL OFFICE DIVISION OF ENVIRONMENTAL QUALITY					DATE: April 12, 2000		

**PERMIT TO CONSTRUCT
PERMITTEE, PROJECT, AND LOCATION**

PERMIT NUMBER

Interstate Concrete and Asphalt
Concrete Batch Plant
Coeur D'Alene

055 - 00049

SOURCE

Concrete Batch Plant

A. GENERAL REQUIREMENTS

The Permittee shall comply with the following conditions.

A.1 EMISSION LIMITS

A.1.1 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 (*Rules for the Control of Air Pollution in Idaho*). Opacity shall be determined using the procedures contained in IDAPA 16.01.01.625.

A.1.2 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 Reasonable Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent particulate matter 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 particulate matter. Some of the reasonable precautions include, but are not limited to, the following:

A.2.1.1 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.2.1.2 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.2.1.3 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.2.1.4 Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts;

A.2.1.5 Paving of roadways and their maintenance in a clean condition, where practical; or

A.2.1.6 Prompt removal of earth or other stored material from streets, where practical.

DATE: April 12, 2000

**PERMIT TO CONSTRUCT
PERMITTEE, PROJECT, AND LOCATION**

Interstate Concrete and Asphalt
Concrete Batch Plant
Coeur D'Alene

PERMIT NUMBER

0 5 5 - 0 0 0 4 9

SOURCE

Concrete Batch Plant

A.2.2 Operations and Maintenance Manual Requirements

Within sixty (60) days after startup, the Permittee shall have developed an Operations and Maintenance (O&M) Manual for the three silo baghouses and the weigh hopper/truck loadout baghouse which describes the procedures that shall be followed to comply with General Provision B and paragraph A.2.4 of this permit. The manual shall remain on site at all times and shall be made available to DEQ representatives upon request.

A.2.3 Monitoring Equipment

The Permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer's specifications, equipment to measure the pressure differential across the weigh hopper/truck loadout baghouse.

A.2.4 Pressure Drop Across the Weigh Hopper/Truck Loadout Baghouse

The pressure drop across the weigh hopper/truck loadout baghouse shall be maintained within the manufacturer's and the O&M Manual's specifications. Documentation of both manufacturer's and the O&M Manual's operating pressure drop specifications shall remain on site at all times and shall be made available to DEQ representatives upon request.

A.3. MONITORING REQUIREMENTS

A.3.1 Operating Parameters

The following operating parameters shall be monitored and recorded. 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.3.1.1 Pressure drop reading across the weigh hopper/truck loadout baghouse once per week.

A.3.1.2 Concrete production in cubic yards per day (cy/day).

A.3.2 Reasonable Control Measures

The Permittee shall monitor and record in a log, during operation, the periodic method(s) used to reasonably control fugitive emissions from this facility. The log shall include the type of control used (e.g., water, environmentally safe chemical dust suppressants, etc.) as well as the circumstances under which no controls are used. The most recent two (2) years' compilation of data shall be kept on site and shall be made available to DEQ representatives upon request.

DATE: April 12, 2000

**PERMIT TO CONSTRUCT
PERMITTEE, PROJECT, AND LOCATION**

Interstate Concrete and Asphalt
Concrete Batch Plant
Coeur D'Alene

PERMIT NUMBER

0 5 5 - 0 0 0 4 9

SOURCE

Concrete Batch Plant

A.4. REPORTING REQUIREMENTS**A.4.1 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 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.

DATE: April 12, 2000

**PERMIT TO CONSTRUCT
PERMITTEE, PROJECT, AND LOCATION**

Interstate Concrete and Asphalt
Concrete Batch Plant
Coeur D'Alene

PERMIT NUMBER

0	5	5	-	0	0	0	4	9
---	---	---	---	---	---	---	---	---

SOURCE

Concrete Batch Plant

B. REQUIREMENTS WHEN NOT COLLOCATED

The Permittee shall comply with the conditions in Section A of this permit and the following permit conditions when the concrete batching facility is not collocated.

B.1 OPERATING REQUIREMENTS**B.1.1 Facility Throughput Limits**

The production rate of the concrete batching facility is unlimited.

B.1.2 Collocation Requirements

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

DATE: April 12, 2000

**PERMIT TO CONSTRUCT
PERMITTEE, PROJECT, AND LOCATION**

Interstate Concrete and Asphalt
Concrete Batch Plant
Coeur D'Alene

PERMIT NUMBER

0 5 5 - 0 0 0 4 9

SOURCE

Concrete Batch Plant

C. REQUIREMENTS WHEN COLLOCATED

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

C.1 OPERATING REQUIREMENTS

C.1.1 Number of Portable Sources

The concrete batching facility may only collocate and simultaneously operate with either one (1) portable rock crushing plant, one (1) portable hot-mix asphalt plant, one (1) other portable concrete batch plant, or one (1) portable wash plant which has been permitted to specifically allow collocation.

C.1.2 Facility Throughput Limits

The production rate of the concrete batching facility shall not exceed a maximum of five hundred sixty-nine thousand four hundred cubic yards per any consecutive 12-month period (569,400 cy/yr) when collocated with another concrete batch plant, rock crushing plant, or hot-mix asphalt plant.

DATE: April 12, 2000

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 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 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.

DATE: April 12, 2000
