



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor
C. Stephen Allred, Director

August 7, 2002

CERTIFIED MAIL No. 7000 1670 0013 9128 7307

Eric St. Pierre, Operations Manager
Idaho Concrete Co., Portable Sources
2755 E. State St.
Eagle, ID 83616

RE: AIRS Facility Nos. 777-00106, 777-00113, and 777-00151, Idaho Concrete Co.
Portable Concrete Batch Plants, Permits to Construct

Dear Mr. St. Pierre:

The Department of Environmental Quality (Department) is issuing amended Permit to Construct Nos. 777-00106, 777-00113, and 777-00151 for Idaho Concrete Co. in accordance with IDAPA 58.01.01.200 through 223, *Rules for the Control of Air Pollution in Idaho*. The enclosed permits are effective immediately and are based on information in the application received May 13, 2002.

These permits do not release Idaho Concrete Co. from compliance with all other applicable federal, state, or local laws, regulations, permits, and ordinances.

Tom Krinke of the Boise Regional Office will contact you regarding a meeting with the Department to discuss the permit terms and requirements. In addition to your facility plant managers, the Department recommends that the following representatives of your firm also attend this meeting: responsible officials, environmental contacts, and any operations staff responsible for day-to-day compliance with permit conditions.

You, as well as any other entity, have the right to appeal this final agency action pursuant to IDAPA 58.01.23, *Rules of Administrative Procedure Before the Board of Environmental Quality*. A petition may be filed with the Hearings Coordinator, Department of Environmental Quality, 1410 N. Hilton, Boise, ID 83706-1255 within 35 days of the date of this decision. However, prior to filing a petition for a contested case, the Department encourages you to contact Dan Salgado, New Source Review Coordinator, at (208) 373-0431 to address any concerns you may have with the enclosed permits.

Sincerely,



Katherine B. Kelly
Administrator
Air Quality Division

KK/DH:bh Project Nos. P-020016A, P-020016B, and P-020016C
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Enclosures

cc: Joan Lechtenberg, Air Quality Division
Tom Krinke, Boise Regional Office
Source File for PTC Nos. 777-00106, 777-00113, and 777-00151
Laurie Kral, EPA Region 10
Sherry Davis, Technical Services



Air Quality
PERMIT TO CONSTRUCT
 State of Idaho
 Department of Environmental Quality

PERMIT NO.: 777-00151
CLASS: B
SIC: 3273

1. PERMITTEE
 Staker & Parsons Co. dba, Idaho Concrete Co.

2. PROJECT
 Portable Concrete Batch Plant

3. MAILING ADDRESS 2755 E. State St.	CITY Eagle	STATE ID	ZIP 83616
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4. FACILITY CONTACT Eric St. Pierre	TITLE Operations Manager	TELEPHONE (208) 939-6831
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5. RESPONSIBLE OFFICIAL Eric St. Pierre	TITLE Operations Manager	TELEPHONE (208) 939-6831
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6. EXACT PLANT LOCATION Portable	COUNTY Portable
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7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS
 Concrete Production

8. GENERAL CONDITIONS

This permit is issued according to IDAPA 58.01.01.200, *Rules for the Control of Air Pollution in Idaho*, and pertains only to emissions of air contaminants 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 Environmental Quality (Department) 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.

This permit is not transferable to another person, place, or 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 58.01.01.200, et seq.



 KATHERINE B. KELLY, ADMINISTRATOR, AIR QUALITY DIVISION
 DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: August 7, 2002

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00151

Permittee: Idaho Concrete Company
Location: Portable

Date Issued: August 7, 2002

1. STATEWIDE REQUIREMENTS

The permittee shall comply with the following conditions when the concrete-batching facility is operated anywhere within the state of Idaho (nonattainment, attainment, or unclassifiable areas).

EMISSION LIMITS

1.1. Opacity Limit

Emissions emanating from any stack, vent, or other 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 in IDAPA 58.01.01.625. Opacity shall be determined using the procedures contained in IDAPA 58.01.01.625.

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 minutes in any 60-minute period. Visible emissions shall be determined by Method 22, as described in 40 CFR Part 60, Appendix A, or a Department-approved alternative method.

OPERATING REQUIREMENTS

1.3. Reasonable Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent particulate matter from becoming airborne as required in IDAPA 58.01.01.651. 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 that might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:

- 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.
- 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.
- 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.
- Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
- Paving of roadways and their maintenance in a clean condition, where practical.
- Prompt removal of earth or other stored material from streets, where practical.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00151

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1.4. Fugitive Dust Control Plan

Within 60 days of issuance of the permit, the permittee shall have developed and submitted to the appropriate Department Regional Office for approval, a fugitive dust control plan for this concrete batch plant. Upon Department approval, the fugitive dust control plan shall become an enforceable part of this permit. This plan shall include the following information:

- 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.).
- 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-bodied trucks transporting dusty material, paving of roadways, etc.).
- 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 the Department with the fugitive dust control plan for Department approval.

1.5. Operations and Maintenance Manual Requirements

Within 60 days after startup, the permittee shall have developed an Operations and Maintenance (O&M) manual for the air pollution control device which describes the procedures that shall be followed to comply with General Provision 2 and the air pollution control device requirements contained in this permit. The manual shall remain onsite at all times and shall be made available to Department representatives upon request.

1.6. Monitoring Equipment

The permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer specifications, equipment to measure the pressure differential across the air pollution control equipment.

1.7. Pressure Drop Across Air Pollution Control Device

The pressure drop across the air pollution control device shall be maintained within manufacturer and O&M manual specifications. Documentation of both manufacturer and O&M manual operating pressure drop specifications shall remain onsite at all times and shall be made available to Department representatives upon request.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00151

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MONITORING AND RECORDKEEPING REQUIREMENTS

1.8. Operating Parameters

The following operating parameters shall be monitored and recorded, and a compilation of the most recent two years of records shall be kept onsite and shall be made available to Department representatives upon request.

- Pressure drop across the air pollution control device once per week.
- Concrete production in cubic yards per day (cy/day) and cubic yards per month (cy/mo).

1.9. Reasonable Control Measures

The permittee shall monitor and record 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. A compilation of the most recent two years of records shall be kept onsite and shall be made available to Department representatives upon request.

REPORTING REQUIREMENTS

1.10. Relocation

All existing portable equipment shall be registered. At least 10 days prior to relocation of any equipment covered by this permit, the permittee shall submit a scaled plot plan and a complete Portable Equipment Registration and Relocation Form (available on the Department website at: http://www2.state.id.us/deq/air/equip_relocat.htm), in accordance with IDAPA 58.01.01.500, to the following:

PERF Processing Unit
Idaho Department of Environmental Quality
Air Quality Division
1410 N. Hilton
Boise, ID 83706-1255

1.11. 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 the Department shall contain a certification by a responsible official in accordance with IDAPA 58.01.01.123. 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.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00151

Permittee: Idaho Concrete Company
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Date Issued: August 7, 2002

2. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS WHEN NOT COLLOCATED

The permittee shall comply with Permit Condition 1 and the following permit conditions when the concrete-batching facility is operated in any attainment or unclassifiable areas, and when it is not collocated, within the state of Idaho.

OPERATING REQUIREMENTS

2.1. Facility Throughput Limits

The production rate of the concrete-batching facility shall not exceed a maximum of 2,628,000 cy/yr when operating in any attainment or unclassifiable area.

2.2. Collocation Requirements

When the concrete-batching facility is to be collocated with another portable concrete batch plant, rock-crushing plant, or hot-mix asphalt (HMA) plant, the collocation requirements of Permit Condition 3 must be complied with.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00151

Permittee: Idaho Concrete Company
Location: Portable

Date Issued: August 7, 2002

3. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS WHEN COLLOCATED

The permittee shall comply with the Permit Condition 1 and the following permit conditions when the concrete-batching facility is to be collocated with another portable concrete batch plant, rock-crushing plant, or HMA plant within the state of Idaho. The concrete-batching facility may only collocate with either one portable rock-crushing plant, one portable HMA plant, or one other portable concrete batch plant that has been permitted to specifically allow collocation.

OPERATING REQUIREMENTS

3.1. Collocation Areas

The concrete-batching 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 that specifically allows for collocation in a nonattainment area.

3.2. Number of Portable Sources

The concrete-batching facility may only collocate with either one portable rock-crushing plant, one portable HMA plant, or one other portable concrete batch plant that has been permitted to specifically allow collocation.

3.3. Facility Throughput Limits

The production rate of the concrete-batching facility shall not exceed a maximum of 1,314,000 cy/yr when collocated with another concrete batch plant, rock-crushing plant, or HMA plant.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00151

Permittee: Idaho Concrete Company
Location: Portable

Date Issued: August 7, 2002

4. NONATTAINMENT AREA REQUIREMENTS

The permittee shall comply with Permit Condition 1 and the following permit conditions when the concrete-batching facility is operated in any particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM₁₀) nonattainment areas within the state of Idaho. While operating the concrete-batching facility under the conditions set forth in Permit Condition 4, the concrete-batching facility may not collocate with any other facility.

OPERATING REQUIREMENTS

4.1. Facility Throughput Limits

The production rate of the concrete-batching facility shall not exceed a maximum of 5,016 cy/day. In addition, the production rate of the concrete-batching facility shall not exceed a maximum of 1,830,859 cy/yr when operating in any PM₁₀ nonattainment area or proposed PM₁₀ nonattainment area.

4.2. Collocation Requirements

When the concrete-batching facility is to be collocated with another portable concrete batch plant, rock-crushing plant, or HMA plant in a nonattainment area, the collocation requirements of Permit Condition 5 must be complied with. When in a PM₁₀ nonattainment area, the concrete-batching facility shall only collocate with another portable concrete batch plant, rock-crushing plant, or HMA asphalt plant that is also permitted to collocate in any PM₁₀ nonattainment area or proposed PM₁₀ nonattainment area.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00151

Permittee: Idaho Concrete Company

Date Issued: August 7, 2002

Location: Portable

5. NONATTAINMENT AREA REQUIREMENTS WHEN COLLOCATED

The permittee shall comply with Permit Condition 1 and the following permit conditions when the concrete-batching facility is to be collocated with another portable concrete batch plant, rock-crushing plant, or HMA plant in a nonattainment area within the state of Idaho. The concrete-batching facility may only collocate with either one portable rock-crushing plant, one portable HMA plant, or one other portable concrete batch plant that has been permitted to specifically allow collocation in a nonattainment area.

OPERATING REQUIREMENTS

5.1. Collocation Areas

The concrete-batching facility may collocate in a nonattainment area or proposed nonattainment area under this permit, that specifically allows for collocation in a nonattainment area.

5.2. Number of Portable Sources

The concrete-batching facility may only collocate with either one portable rock-crushing plant, one portable HMA plant, or one other portable concrete batch plant that has been permitted to specifically allow collocation in a nonattainment or proposed nonattainment area.

5.3. Facility Throughput Limits

The production rate of the concrete-batching facility shall not exceed a maximum of 2,508 cy/day. In addition, the production rate of the concrete-batching facility shall not exceed a maximum of 915,430 cy/yr when collocated in any PM₁₀ nonattainment area or proposed PM₁₀ nonattainment area.

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6. PERMIT TO CONSTRUCT GENERAL PROVISIONS

1. 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 and the *Rules for the Control of Air Pollution in Idaho*, and the Environmental Protection and Health Act, Idaho Code §39-101, et seq.
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.
3. The permittee shall allow the Director, and/or the authorized representative(s), upon the presentation of credentials:
 - 3.1 To enter, at reasonable times, upon the premises where an emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit.
 - 3.2 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 emissions testing in conformance with IDAPA 58.01.01.157 when deemed appropriate by the Director.
4. 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.
5. The permittee shall notify the Department, in writing, of the required information for the following events within five working days after occurrence:
 - Initiation of Construction - Date
 - Completion/Cessation of Construction - Date
 - Actual Production Startup - Date
 - Initial Date of Achieving Maximum Production Rate - Production Rate and Date
6. If emissions testing is specified, the permittee must schedule such testing within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup. Such testing must strictly adhere to the procedures outlined in IDAPA 58.01.01.157 and shall not be conducted on weekends or state holidays without prior written approval from the Department. Testing procedures and specific time limitations may be modified by the Department by prior negotiation if conditions warrant adjustment. The Department shall be notified at least 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 the Department 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 the Department, 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 emissions limit(s) set forth in this permit.

7. 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.