



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 NORTH HILTON • BOISE, IDAHO 83706 • (208) 373-0502

JAMES E. RISCH, GOVERNOR
TONI HARDESTY, DIRECTOR

July 28, 2006

Certified Mail No. 7005 1160 0000 1550 6254

Mr. Patrick Clark, Environmental Advisor
Staker and Parson Companies
P. O. Box 3429
Ogden, UT 84409

RE: Facility ID No. 029-00009, Jack B. Parson Companies, Soda Springs
Final Tier II Operating Permit Letter

Dear Mr. Clark:

The Department of Environmental Quality (DEQ) is issuing Tier II Operating Permit No. T2-060307 for the Jack B. Parson Companies portable concrete batch plant located in Soda Springs, in accordance with IDAPA 58.01.01.400 through 406, Rules for the Control of Air Pollution in Idaho (Rules).

The enclosed Tier II operating permit is based on the information contained in your permit application and is effective immediately and replaces your previous permit issued on March 5, 2001. Please note that this permit expires five years after the issuance date.

Since this project does not significantly change the terms of your permit, DEQ will not contact you regarding a meeting to discuss the terms of the permit. However, if you wish to meet to discuss the permit terms and requirements, you may contact Mr. Rick Elkins of the Pocatello Regional Office to schedule a meeting. If a meeting is scheduled, DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

In accordance with IDAPA 58.01.01.407, DEQ has assessed the emissions for this permit and determined that a Tier II processing fee of \$1,250 will be due. A fee invoice will be sent to you from the DEQ fiscal office shortly.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to call Dan Pitman at (208) 373-0502 to address any questions or concerns you may have with the enclosed permit.

Sincerely,

Martin Bauer, Administrator
Air Quality Division

MB/SC/bf Permit No. T2-060307

Enclosure

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Please make checks payable to: Department of Environmental Quality. Please write your permit number on the check and remit the fee and this information to the following:

Idaho Department of Environmental Quality
Fiscal Office – Air Quality
1410 N. Hilton, Boise, ID 83706-1255

Amount Enclosed: \$ _____.

Check No.: _____

DEPARTMENT USE ONLY:			
Facility	Jack B. Parson Companies, Soda Springs	Facility ID:	029-00009
Project	Portable Concrete Batch Plant	Permit No.:	T2-060307
Fee Type:	Tier II Processing Fee	Fee Amount:	\$1,250.00
Routing Instructions: Copy Air Program upon receipt of fee.			

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- c: Pete Wagner, Pocatello Regional Office
- Stephanie Carroll, Permit Writer, Technical Services
- Dan Pitman, Permit Coordinator
- Marilyn Seymore/Pat Rayne, Air Quality
- Laurie Kral, EPA Region 10
- Permit Binder
- Source File
- Dave Sande, Fiscal (Ltr Only)
- Phyllis Heitman (Ltr Only)
- Reading File (Ltr Only)



**Air Quality
TIER II OPERATING PERMIT**

State of Idaho
Department of Environmental Quality

PERMIT No.: T2-060307
FACILITY ID No.: 029-00009
AQCR: 61 **CLASS:** B
SIC: 3273 **ZONE:** 12
UTM COORDINATE (km): 452 .2, 4724 .8

1. PERMITTEE
Jack B. Parson Companies

2. PROJECT
Tier II Operating Permit Renewal

3. MAILING ADDRESS P.O. Box 3429	CITY Soda Springs	STATE ID	ZIP 83276
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4. FACILITY CONTACT Patrick Clark	TITLE Environmental Advisor	TELEPHONE (801) 409-2415
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5. RESPONSIBLE OFFICIAL Paul Glauser	TITLE VP Environmental Affairs	TELEPHONE (801) 409-2494
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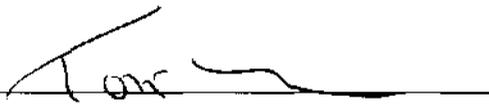
6. EXACT PLANT LOCATION 655 E. Industrial Place, Soda Springs, Idaho 83276	COUNTY Caribou
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7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS
Concrete Batching Plant

8. PERMIT AUTHORITY

This permit is issued according to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.400, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be operated by this permit.

This permit has been granted on the basis of design information presented in the application and the Idaho Department of Environmental Quality's (DEQ) technical analysis of the supplied information. Changes in design or equipment that result in any change in the nature or amount of emissions may be considered a modification. Modifications are subject to DEQ review in accordance with Section 58.01.01.200 of the Rules for the Control of Air Pollution in Idaho.


TONI HARDESTY, DIRECTOR
DEPARTMENT OF ENVIRONMENTAL QUALITY

Date Issued:	July 28, 2006
Date Modified/Revised:	
Date Expires:	July 28, 2011

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Acronyms, Units, and Chemical Nomenclatures

AQCR	Air Quality Control Region
cy	cubic yards
DEQ	Department of Environmental Quality
HMA	Hot Mix Asphalt
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometer
m	meter(s)
PM	particulate matter
PM₁₀	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
SIC	Standard Industrial Classification
UTM	Universal Transverse Mercator
yr	year

AIR QUALITY TIER II OPERATING PERMIT NUMBER: T2-060307

Permittee:	Jack B. Parson	Facility ID No. 029-00009	Date Issued:	July 28, 2006
Location:	Soda Springs		Date Modified/Amended:	
			Date Expires:	July 28, 2011

1. TIER II OPERATING PERMIT SCOPE

Purpose

- 1.1 This Tier II permit renews the facility's existing permit which expired on March 5, 2006. Emissions do not increase as a result of this renewal.
- 1.2 This Tier II replaces permit No. 029-00009, issued March 5, 2001, the terms and conditions of which no longer apply.

Regulated Sources

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

Table 1.1 SUMMARY OF REGULATED SOURCES

Permit Section	Source Description	Emissions Control(s)
	<u>Portable Concrete Batch Plant</u> Manufacturer: Johnson Model: ND5yrd Maximum Capacity (cy/hr): 60	<u>Cement Storage Silo Baghouse</u> Capture Efficiency: 99.9%

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2. STATEWIDE REQUIREMENTS

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

Emissions Limits

2.1 **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.

Operating Requirements

2.2 **Reasonable Control of Fugitive Emissions**

All reasonable precautions shall be taken to prevent PM 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, when 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.

2.3 **Operations and Maintenance Manual Requirements**

The permittee shall have developed an O&M manual for the baghouse(s), which control the PM and PM₁₀ emissions from the plant (i.e. silo and batch operations). The O&M manual shall describe the procedures that will be followed to comply with General Provision 2 and the manufacturer specifications for the baghouse. The manual shall contain, at a minimum, requirements for monthly inspections of the baghouse during each month of operation. The inspections shall include, but not be limited, to checking the bags for structural integrity and that they are appropriately secured in place. The manual shall remain on site at all times and shall be made available to DEQ representatives upon request.

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2.4 Fugitive Dust Control Strategies

- 2.4 The permittee shall immediately implement a strategy or strategies to control fugitive dust emissions whenever:
- 2.4.1 Visible fugitive emissions are greater than 20% from any transfer point. For the purposes of this permit condition, transfer points include, but are not limited to, the following: transfer of sand and aggregate to respective weigh bins/hoppers or storage bins/hoppers; transfer of sand and aggregate from respective weigh bins/hoppers or storage bins/hoppers to a conveyor; transfer of sand and aggregate from a conveyor to the mix truck; transfer of cement from its storage silo to the mix truck.
- 2.4.1.1 Transfer point control strategies include, but are not limited to, the following: limit drop heights such that there is a homogeneous flow of material; install, operate, and maintain water spray bars to control fugitive dust emissions at transfer points on conveyors.
- 2.4.2 Visible fugitive emissions from wind erosion on stockpiles exceeds 20% opacity for a period or periods aggregating more than one minute in any 60-minute period.
- 2.4.2.1 Stockpile wind erosion control strategies include, but are not limited to, the following: limit the height of the stockpiles; limit the disturbance of stockpiles; apply water or a chemical dust suppressant onto the surface of the stockpile.
- 2.4.3 Visible fugitive emissions from vehicle traffic on any paved or unpaved roads within the facility boundary of the concrete batch plant exceeds 20% opacity for a period or periods aggregating more than one minute in any 60-minute period.
- 2.4.3.1 Visible fugitive emissions control strategies for vehicle traffic on paved and unpaved roads within the facility boundary include, but are not limited to, the following: limit vehicle traffic; limit vehicle speed; apply water or a chemical dust suppressant to the surface of the road; apply gravel to the surface of unpaved roads; and sweep or use water sprays to clean the surface of a paved road.

Monitoring and Recordkeeping Requirements

2.5 Operating Parameters

Concrete production in cubic yards per day shall be monitored and recorded. A compilation of the most recent two years of records shall be kept onsite and shall be made available to DEQ representatives upon request.

2.6 Reasonable Control Measures

The permittee shall conduct a monthly facility-wide inspection of potential sources of fugitive emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each monthly fugitive emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment

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of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.

Reporting Requirements**2.7 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 DEQ website at: http://www.deq.idaho.gov/air/permits_forms/forms/ptc_relocation.pdf), in accordance with IDAPA 58.01.01.500, to the following address:

PERF Processing Unit
DEQ - Air Quality
1410 N. Hilton
Boise, ID 83706-1255

2.9 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 that, in accordance with reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

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3. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS

The permittee shall comply with the requirements in Permit Condition 2 and the following permit conditions when the concrete batch facility is operated in any attainment or unclassifiable areas.

Operating Requirements

3.1 Facility Throughput Limits

The production rate of the concrete batch facility shall not exceed a maximum of 1440 cy/day.

3.2 Generator Hours of Operation

The facility is permitted to operate on line power only.

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4. NONATTAINMENT AREA REQUIREMENTS

The permittee shall not operate in a nonattainment area.

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5. TIER II PERMIT GENERAL PROVISIONS

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. 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.
2. The permittee shall at all times (except as provided in the Rules for the Control of Air Pollution in Idaho) maintain and operate in good working order all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
3. The permittee shall allow the director, and/or his authorized representative(s), upon the presentation of credentials:
 - To enter upon the permittee's 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.
 - 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 compliance 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. This permit shall be renewable on the expiration date, provided the permittee submits any and all information necessary for the director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within 60 days after receipt of the Director's request shall cause the permit to become void.
6. 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.