


STATE OF IDAHO  AIR POLLUTION OPERATING PERMIT  GENERAL INFORMATION	PERMIT NUMBER		
	0 1 7	-	0 0 0 4 8
	AQCR	CLASS	SIC
	0 6 3	A 2	3 2 7 3
	ZONE	UTM COORDINATE (km)	
	1 1	5 3 2	6 5 3 4 8 1
1. PERMITTEE Interstate Concrete and Asphalt			
2. PROJECT Asphalt Batch Plant and Concrete Batch Plant			
3. MAILING ADDRESS P.O. Box 1113		TELEPHONE # (208) 263-5615	COUNTY Bonner
4. CITY Sandpoint		STATE Idaho	ZIP CODE 83864
5. PERSON TO CONTACT Larry Peak		TITLE Sandpoint Facility Manager	
6. EXACT PLANT LOCATION 1/4 mile west of Bover Road on north side of Baldy Road			
7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS Paving Contractor producing various mixes of asphalt, concrete, and various sizes of aggregate.			
8. PERMIT AUTHORITY  This permit is issued according to the Rules for the Control of Air Pollution in Idaho, Section 16.01.01.400 and pertains only to emissions of air contaminants which are 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 DIVISION 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 A MODIFICATION. MODIFICATIONS ARE SUBJECT TO DEQ REVIEW IN ACCORDANCE WITH SECTION 16.01.01.200 OF THE RULES FOR THE CONTROL OF AIR POLLUTION IN IDAHO.			
<i>Dwight D. Green</i>		ISSUED DATE August 2, 1999	
ADMINISTRATOR, STATE AIR QUALITY PROGRAM			
DIVISION OF ENVIRONMENTAL QUALITY			



AIR POLLUTION OPERATING PERMIT  
 PERMITTEE, PROJECT, AND LOCATION

Interstate Concrete and Asphalt  
 Tier II Operating Permit  
 Sandpoint, Idaho

PERMIT NUMBER

017 - 00048

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Asphalt Batch Plant and Concrete Batch Plant

2. EMISSION LIMITS

- 2.2 Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers ( $PM_{10}$ ) shall not exceed the pound per hour (lb/hr) and ton per year (T/yr) values listed in Appendix A.

3. OPERATING REQUIREMENTS

3.1 Maximum Throughput

- 3.1.1 The maximum hourly throughput shall be limited to the ton per hour (T/hr), ton per day (T/day), and ton per year (T/yr) limitations in Appendix B.

4. TESTING AND MONITORING REQUIREMENTS

4.1 Throughput Log

The following information shall be recorded and maintained on site for the most recent two (2) year period.

- 4.1.1 Amount (tons per hour and tons per day) of hot mix asphalt produced by the facility.  
 4.1.2 Amount (standard cubic feet per day) of natural gas burned in the Barber Greene drum dryer.

4.2 Performance Tests

- 4.2.1 The Permittee shall conduct a performance test at a frequency of no less than once every year to demonstrate compliance with [REDACTED] the hourly  $PM_{10}$  emission limit in Appendix A. The permittee may show compliance with the hourly emission limit  $PM_{10}$  by conducting a performance test to measure Total Suspended Particulate (TSP) emissions from the Drum Dryer baghouse using EPA Reference Method 5 and 202 back half catch analysis. The resulting pound per hour (lb/hr) emission rate demonstrated by the source test shall be

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multiplied by a factor of 0.40 to establish the hourly PM<sub>10</sub> emission rate. The Permittee shall have the option of performing a Method 201 or 201A performance test with Method 202 Analysis on the drum dryer baghouse stack. [REDACTED]

4.2.2 During performance testing, the following data shall be recorded:

4.2.2.1 Process weight rate (tons of asphalt produced per hour).

4.2.2.2 Burner fuel flow rate (i.e., cubic feet per hour).

4.2.2.3 Change in pressure drop across the baghouse.

[REDACTED SECTION]

ISSUED DATE: August 2, 1999



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**SOURCE**

Asphalt Batch Plant and Concrete Batch Plant

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

ISSUED DATE: August 2, 1999

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Asphalt Batch Plant and Concrete Batch Plant

**2. EMISSION LIMITS**

2.1 Particulate matter with an aerodynamic diameter less than or equal to a nominal ten (10) micrometers (PM<sub>10</sub>) emissions shall not exceed the pound per hour (lb/hr) and ton per year (T/yr) values listed in Appendix A.

[REDACTED]

**3. OPERATING REQUIREMENTS**

3.1 Maximum Throughput

3.1.1 Process throughput of materials for the operation of the concrete batch plant shall be limited to quantities specified in Appendix B.

**4. MONITORING REQUIREMENTS**

4.1 Throughput Log

The following information shall be recorded weekly and maintained on site for the most recent two (2) year period.

4.1.1 Amount in cubic yards per day (yd<sup>3</sup>/day) of concrete hauled off-site from the facility.

4.1.2 Amount in tons per day (T/day) of raw aggregate hauled out of the facility.

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

[REDACTED]

[REDACTED]

ISSUED DATE: August 2, 1999





**APPENDIX A**

**Interstate Concrete & Asphalt**

**Emission Limits<sup>a</sup> - Hourly (lb/hr) and Annual<sup>b</sup> (T/yr)**

SOURCE DESCRIPTION			PM10 <sup>c</sup> (lb/hr) after 7/1/96 <sup>d</sup>	PM10 <sup>c</sup> (T/yr) after 7/1/96 <sup>d</sup>				
ASPHALT PLANT			2.3	0.81				
Drum Dryer								
Vehicle Fugitives (Paved and Unpaved)			0.71	0.30				
Process Fugitives			0.26	0.58				
CONCRETE PLANT			0.08	0.04				
Cement Silo Vents								
Process Fugitives			0.63 <sup>e</sup>	1.1 <sup>e</sup>				
Vehicle Fugitives (Paved and Unpaved)			0.89	0.34				

- a As determined by a pollutant specific U.S. EPA reference method, or Department approved alternative, or as determined by the Department's emission estimation methods used in this permit analysis.
- b As determined by multiplying the actual or allowable (if actual is not available) pound per hour emission rate by the allowable hours per year that the process(es) may operate(s), or by actual annual production rates.
- c Includes condensables.
- d Or such earlier date as all required Conditional Control Measures have been completed.
- e Includes point source emissions for the two (2) minibaghouses placed on the cement weigh hoppers and the scavenge fan/baghouse system on the mixer loading operation installed as Conditional Control Measures.

ISSUED DATE: August 2, 1999

**APPENDIX B**

**Interstate Concrete and Asphalt**

**Maximum Throughput Values at Fugitive Emission Sources**

Source Description	Material Handled	[REDACTED]	[REDACTED]	[REDACTED]	Hourly (T/hr) after 7/1/96*	Daily (T/day) after 7/1/96*	Annual (T/yr) after 7/1/96*
1. Asphalt Plant	Asphalt	[REDACTED]	[REDACTED]	[REDACTED]	200*	2,400	140,000
2. Concrete Batch Plant Units of yd <sup>3</sup> /time period	Concrete	[REDACTED]	[REDACTED]	[REDACTED]	75	1,400	70,000
3. Retail Aggregate Concrete Plant Sales- (Truck Load by Front-End Loader and PG Hopper)	Aggregate	[REDACTED]	[REDACTED]	[REDACTED]		1,700	55,000

- a) Or such earlier date as all required Conditional Control Measures have been completed.
- b) Operation at this production rate shall require a successful performance test against the PM emission limit, as required in 4.2 of the Asphalt Plant section of this permit.

ISSUED DATE: August 2, 1999  
 [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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