



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

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

C.L. "Butch" Otter, Governor  
Toni Hardesty, Director

December 3, 2008

**Certified Mail No. 7190 0596 0014 0000 4509**

Chuck Mualem  
Salmon Asphalt & Paving, Inc.  
76 Aldous Drive  
Salmon, Idaho 83467

RE: Facility ID No. 059-00011, Salmon Asphalt & Paving, Inc., Salmon  
Final Permit Letter

Dear Mr. Mualem:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2008.0124 to Salmon Asphalt & Paving, Inc. for a hot mix asphalt plant located in Salmon, in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho).

This permit is based on your permit application received on July 28, 2008. This permit does not release Salmon Asphalt & Paving, Inc. from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Pursuant to General Provision 5 of your permit, it is required that Construction and Operation Notification be provided. Please provide this information as listed to DEQ's Idaho Falls Regional Office, 900 N. Skyline, Suite B, Idaho Falls, Idaho, Fax (208) 528-2695.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Maria Miles, Air Quality Analyst, at (208) 528-2650 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any other staff responsible for day-to-day compliance with permit conditions.

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 contact Morrie Lewis at (208) 373-0502 or [Morrie.Lewis@deq.idaho.gov](mailto:Morrie.Lewis@deq.idaho.gov) to address any questions or concerns you may have with the enclosed permit.

Sincerely,

A handwritten signature in black ink that reads "Mike Simon". The signature is written in a cursive style with a large, prominent "M" and "S".

Mike Simon  
Stationary Source Program Manager  
Air Quality Division

MS\ML\hp

Project No. P-2008.0124

Enclosures



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

**PERMIT No.:** P-2008.0124

**FACILITY ID No.:** 777-00443

**AQCR:** Portable **CLASS:** SM **ZONE:** Portable

**SIC:** 2951 **NAICS:** 324121

**UTM COORDINATE (km):** Portable

**1. PERMITTEE**

Salmon Asphalt & Paving Inc.

**2. PROJECT**

Initial permit to construct – hot mix asphalt plant

**3. MAILING ADDRESS**

76 Aldous Drive

**CITY**

Salmon

**STATE**

ID

**ZIP**

83467

**4. FACILITY CONTACT**

Charles Mualem

**TITLE**

President

**TELEPHONE**

(208) 756-7939

**5. RESPONSIBLE OFFICIAL**

Charles Mualem

**TITLE**

President

**TELEPHONE**

(208) 756-7939

**6. EXACT PLANT LOCATION**

North of St. Charles Street (N1/2, NE1/4, S5, T21N, R22E)

**COUNTY**

Lemhi

**7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**

Production of hot mix asphalt

**8. PERMIT AUTHORITY**

This permit is issued according to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.200 through 228, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be constructed or modified 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 Department of Environmental Quality (DEQ) 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 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 in design, equipment or operations may be considered a modification. Modifications are subject to DEQ review in accordance with IDAPA 58.01.01.200 through 228 of the Rules for the Control of Air Pollution in Idaho.

MORRIE LEWIS, PERMIT WRITER  
 DEPARTMENT OF ENVIRONMENTAL QUALITY

MIKE SIMON, STATIONARY SOURCE PROGRAM MANAGER  
 DEPARTMENT OF ENVIRONMENTAL QUALITY

**DATE MODIFIED/REVISED:**

**DATE ISSUED:**

December 3, 2008

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## Acronyms, Units, and Chemical Nomenclature

acfm	actual cubic feet per minute
AQCR	Air Quality Control Region
ASTM	American Society for Testing and Materials
BMP	Best Management Practices
CFR	Code of Federal Regulations
CO	carbon monoxide
DEQ	Department of Environmental Quality
EPA	U.S. Environmental Protection Agency
ft	feet
gal/hr	gallons per hour
gr/dscf	grains per dry standard cubic foot
HAP	hazardous air pollutants
HMA	hot mix asphalt
hr/yr	hours per consecutive 12-calendar month period
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometers
lb/hr	pounds per hour
m	meters
mg/dscm	milligrams per dry standard cubic meter
MMBtu/hr	million British thermal units per hour
NO <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	nitrogen oxides
NSPS	New Source Performance Standards
PAH	polyaromatic hydrocarbons
PCB	polychlorinated biphenyl
PERF	Portable Equipment Relocation Form
PM	particulate matter
PM <sub>10</sub>	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
POM	polycyclic organic matter
ppm	parts per million
PTC	permit to construct
RAP	recycled asphalt pavement
RFO	reprocessed fuel oil
scf	standard cubic feet
SIC	Standard Industrial Classification
SM	synthetic minor
SO <sub>2</sub>	sulfur dioxide
T/day	tons per calendar day
T/hr	tons per hour
T/yr	tons per any consecutive 12-calendar month period
UTM	Universal Transverse Mercator
VOC	volatile organic compounds
yd <sup>3</sup>	cubic yards
yd <sup>3</sup> /day	cubic yards of concrete per calendar day
yd <sup>3</sup> /hr	cubic yards of concrete per hour
yd <sup>3</sup> /yr	cubic yards of concrete per consecutive 12-calendar month period

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0124**

<b>Permittee:</b>	Salmon Asphalt & Paving	<b>Facility ID No. 777-00443</b>
<b>Location:</b>	City, Idaho	

**1. PERMIT TO CONSTRUCT SCOPE**

**Purpose**

1.1 This is the initial permit to construct for a hot mix asphalt (HMA) plant.

**Regulated Sources**

1.2 Table 1.1 lists all sources of regulated emissions in this PTC.

**Table 1.1 SUMMARY OF REGULATED EMISSIONS SOURCES**

Permit Section	Source Description	Emissions Controls
2 & 3	<u>Hot Mix Asphalt Dryer with Electric-Powered Asphalt Tank Heater (or equivalent<sup>a</sup>)</u> Manufacturer: AEDCO Model: AD526 (parallel-flow drum mix) Burner Model: Hauck SJ260 Manufacture date: 1985 Maximum capacity: 125 T/hr and 49.3 MMBtu/hr Maximum production: 125 T/hr and 5,000 T/yr Fuel: natural gas, distillate fuel oil ASTM Grade 1 and Grade 2, reprocessed fuel oil Maximum fuel usage rate: 360 gal/hr	<u>Hot Mix Asphalt Dryer Baghouse (or equivalent<sup>a</sup>)</u> Manufacturer: Cedar Rapids Model: 3592S Type: Pulse jet
2 & 3	<u>Storage tanks</u> Model: above-ground storage tank Maximum capacity: 5,000 gallons Type: asphalt cement Model: above-ground storage tank Maximum capacity: 12,000 gallons Type: fuel oil	None  None
2 & 3	<u>Materials transfer points</u> (includes fugitives) Aggregate dump to ground, Aggregate dump to conveyor, Aggregate conveyor to elevated storage	<u>Minimized drop heights, water sprays, or equivalent control methods</u>

a. "or equivalent" is defined as equipment which has an equivalent or less maximum capacity (T/hr) than listed in this table, has an equivalent or greater control efficiency than listed in Table 2.1, which does not result in an increase in emissions, and which does not result in the emission of a toxic air pollutant not previously emitted.

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**2. HOT MIX ASPHALT PLANT**

**2.1 Process Description**

The processes include a HMA plant that consists of a drum mix dryer, an asphalt tank heater, a baghouse, an asphalt oil storage tank, a fuel storage tank, and materials transfer equipment. Materials transfer equipment may include front end loaders, storage bins, conveyors, stock piles, and haul trucks.

Stockpiled aggregate is transferred to feed bins. Aggregate may consist of up to 50% recycled asphalt pavement (RAP). Aggregate is dispensed from the bins onto feeder conveyors, which transfer the aggregate to the drum mix dryer. Aggregate travels through the drum-mix dryer and when dried is mixed with liquid asphalt cement. The resulting HMA is conveyed to hot storage bins until it can be loaded into trucks for transport off site or transferred to silos for temporary storage. Electrical power will be supplied to the plant from the local power grid.

**2.2 Emissions Control Descriptions**

The particulate matter (PM) and particulate matter with an aerodynamic diameter less than or equal to ten microns (PM<sub>10</sub>) emissions from the HMA plant are controlled by a baghouse/cartridge filter system. Table 2.1 below describes the control devices or measures associated with the HMA plant.

**Table 2.1 CONTROL DESCRIPTIONS OF THE HMA PLANT**

<b>Emissions Units / Processes</b>	<b>Emissions Control Devices</b>	<b>Emissions Sources</b>
Hot Mix Asphalt Dryer	Baghouse/cartridge filter	<u>Hot Mix Asphalt Dryer Baghouse/Cartridge Filter Stack</u> Exit height: 18 ft Exit diameter: 2.26 ft Exit air flow rate: 26,000 acfm Exit temperature: 300 °F Control efficiency: 99.9% PM/PM <sub>10</sub>
Materials transfer (fugitives)	Minimized drop heights, water sprays, or equivalent control methods	Aggregate dump to ground, sand dump to ground, aggregate dump to conveyor, sand dump to conveyor, aggregate conveyor to elevator storage, and sand conveyor to elevated storage. Control efficiency: 75%

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***Emissions Limits***

**2.3 Opacity Limit**

Emissions from any baghouse/cartridge filter stack or from any stack, vent, or other functionally equivalent opening associated with the HMA plant 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 by the procedures contained in IDAPA 58.01.01.625.

**2.4 Standards for Particulate Matter – NSPS**

The permittee shall comply with the applicable requirements of 40 CFR 60, Subpart I – Standards of Performance for Hot Mix Asphalt Facilities.

- In accordance with 40 CFR 60.92, no owner or operator shall discharge or cause the discharge into the atmosphere from any HMA facility any gases which:
  - contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf);
  - exhibit 20 percent opacity, or greater.

**2.5 General Provisions – NSPS**

The permittee shall comply with the applicable requirements of 40 CFR 60, Subpart A – General Provisions.

- The opacity standards set forth in Permit Condition 2.3 shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard in accordance with 40 CFR 60.11(c).
- At all times, including periods of startup, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate the HMA plant including the HMA Dryer Baghouse in a manner consistent with good air pollution control practice for minimizing emissions, in accordance with 40 CFR 60.11(d).

**2.6 Emissions Limits**

The emissions from the HMA Dryer stack shall not exceed any corresponding emission rate limits listed in Table 2.2.

**Table 2.2 HMA DRYER EMISSION LIMITS<sup>1</sup>**

Source Description	PM <sub>10</sub> <sup>2</sup>	
	lb/hr <sup>3</sup>	T/yr <sup>4</sup>
HMA Dryer stack	2.88	0.06

- 1) In absence of any other credible evidence, compliance is assured by complying with this permit's operating, monitoring, and recordkeeping requirements.
- 2) Particulate matter with an aerodynamic diameter less than or equal to a nominal ten (10) micrometers, including condensable particulate as defined in IDAPA 58.01.01.006.81.
- 3) Pounds per hour on a 24-hour basis, as determined by a test method prescribed by IDAPA 58.01.01.157 or DEQ-approved alternative.
- 4) Tons per any consecutive 12-calendar month period.

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**Operating Requirements**

**2.7 Production and Setback Distance Limits**

The permittee shall comply with the minimum setback distances listed in Table 2.3, and the daily and annual production rates shall not exceed the values shown in Table 2.3. The minimum setback shall be defined as the minimum distance from the nearest edge of any emissions source listed in Table 1.1 to any area outside of a building where the general public has access.

The HMA plant shall process aggregate, asphalt cement, and recycled asphalt cement (RAP) as raw materials. RAP used as part of the aggregate shall not exceed 50 percent of the total HMA production in tons per calendar day, or 750 tons per calendar day, whichever is less.

**Table 2.3 HMA PLANT PRODUCTION LIMITS AND SETBACK DISTANCES**

HMA Production Limits		Setback Distance (ft)
Daily HMA production	1,500 T/day	144
Annual HMA production	5,000 T/yr <sup>a</sup>	

a. T/yr is defined as tons of material processed per consecutive 12-calendar month period

**2.8 Reasonable Control of Fugitive Emissions**

All reasonable precautions shall be taken to prevent particulate matter from becoming airborne in accordance with IDAPA 58.01.01.650-651 and IDAPA 58.01.01.808. In determining what is reasonable, consideration 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 PM. Some of the reasonable precautions include, but are not limited to, the following:

- Good operating practices, including water spraying or other suitable measures, shall be employed to prevent dust generation and atmospheric entrainment during operations such as stockpiling, screen changing and general maintenance.
- 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.

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**2.9 Permitted Fuels**

The HMA Dryer shall combust only natural gas, ASTM Grade 1 and Grade 2 distillate fuel oil meeting the specifications of Permit Condition 2.11, or reprocessed fuel oil (RFO) meeting the specifications of Permit Conditions 2.10 and 2.11.

**2.10 Used Oil Specifications – 40 CFR 279, Subpart B**

The permittee shall comply with the applicable requirements of 40 CFR 279, Subpart B – Used Oil Specifications.

- In accordance with 40 CFR 279.11, with the exception of total halogens which are limited to 1,000 ppm, used oil burned for energy recovery shall not exceed any of the allowable levels of the constituents and property listed in Table 2.4. In addition, used oil shall not contain quantifiable levels (2 ppm) of polychlorinated biphenyls (PCB).

**Table 2.4 USED OIL SPECIFICATIONS<sup>1</sup>**

Constituent/property	Allowable level
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Flash point	100 deg. F minimum
Total halogens	1,000 ppm maximum
PCBs <sup>2</sup>	< 2 ppm

- 1) The specification does not apply to mixtures of used oil and hazardous waste that continue to be regulated as hazardous waste (see 40 CFR 279.10(b)).
- 2) Applicable standards for the burning of used oil containing PCB are imposed by 40 CFR 761.20(e)

**2.11 Fuel Sulfur Content**

- No person shall sell, distribute, use, or make available for use any distillate fuel oil containing more than the following percentages of sulfur in accordance with IDAPA 58.01.01.725-728:
  - ASTM Grade 1 fuel oil - 0.3% by weight.
  - ASTM Grade 2 fuel oil - 0.5% by weight.
- The permittee shall not use any RFO containing more than 0.5% sulfur by weight.

**2.12 Odors**

The permittee shall not allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids into the atmosphere in such quantities as to cause air pollution in accordance with IDAPA 58.01.01.776.01.

**2.13 Baghouses/Cartridge Filter Systems Control Equipment**

The permittee shall install and operate the HMA Dryer Baghouse to control PM and PM<sub>10</sub> from the HMA plant and to demonstrate compliance with the emission limits in Permit Condition 2.6.

**2.14 Baghouse Pressure Differential Monitoring Equipment**

The permittee shall install, calibrate, maintain, and operate equipment to continuously measure the pressure differential across the HMA Dryer Baghouse, in accordance with manufacturer specifications.

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**Permittee:** Salmon Asphalt & Paving

**Location:** City, Idaho

**Facility ID No. 777-00443**

**2.15 Baghouse/Filter System Procedures**

Within 60 days of initial startup of the HMA plant, the permittee shall have developed a Baghouse/Filter System Procedures document for the inspection and operation of the HMA Dryer Baghouse. The Baghouse/Filter System Procedures document shall be a permittee developed document independent of the manufacturer-supplied operating manual but may include summaries of procedures in the manufacturer-supplied operating manual.

At a minimum the following items shall be included in the Baghouse/Filter System Procedures document;

- Procedures for inspecting and maintaining the HMA Dryer Baghouse in accordance with Permit Condition 2.16 and to comply with General Provision 2.
- Schedule and procedures for corrective action that will be taken if visible emissions are present from the HMA Dryer Baghouse at any time, including procedures to determine whether bags or cartridges are ruptured, and procedures to determine if bags or cartridges are not appropriately secured in place.
- The manufacturer's recommended values that shall be maintained for pressure drop across the HMA Dryer Baghouse, in inches of water.
- The manufacturer name and model, the maximum capacity (yd<sup>3</sup>/hr and T/hr), the fuel consumption (gal/hr), the PM<sub>10</sub> control efficiency, and the stack parameters for any equivalent equipment used in place of the equipment listed in Table 1.1.

The Baghouse/Filter System Procedures document shall be submitted to DEQ within 60 days of permit issuance at the following address and shall contain a certification by a responsible official. Any changes to the Baghouse/Filter System Procedures document shall be submitted within 15 days of the change.

Air Quality Permit Compliance  
Idaho Falls Regional Office  
Department of Environmental Quality  
900 N. Skyline, Suite B  
Idaho Falls, ID 83402

Phone: (208) 528-2650  
Fax: (208) 528-2695

The Baghouse/Filter System Procedures document shall remain onsite at all times and shall be made available to DEQ representatives upon request.

The operation and monitoring requirements specified in the Baghouse/Filter System Procedures document are incorporated by reference into this permit and are enforceable permit conditions.

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<b>Location:</b>	City, Idaho	

***Monitoring and Recordkeeping Requirements***

**2.16 Visible Emissions/Opacity Monitoring**

Each month the permittee shall conduct a site-wide inspection of potential sources of visible emissions; including any stack, vent, or other functionally equivalent opening; during daylight hours and under normal operating conditions, to demonstrate compliance with Permit Condition 2.3. The inspection shall consist of a see/no see evaluation for each potential source. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable, or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20% for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in accordance with IDAPA 58.01.01.130-136.

The permittee shall maintain records of the results of each visible emissions inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken. All records shall be maintained on-site for a period of 5 years and shall be made available to DEQ representatives upon request.

**2.17 Fugitive Dust Monitoring**

Each day the permittee shall conduct a site-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, to demonstrate compliance with Permit Condition 2.8. 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 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 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.

**2.18 Production Monitoring**

The permittee shall monitor and record the daily production on a daily basis and the annual production on a monthly basis to demonstrate compliance with Permit Condition 2.7. Annual production shall be determined by summing each monthly production total over the previous consecutive 12-calendar month period. The recycled asphalt pavement usage shall be monitored and recorded on a daily basis, in tons per calendar day, to demonstrate compliance with Permit Condition 2.7.

**2.19 Setback Monitoring**

The permittee shall physically measure and record the minimum setback distance to demonstrate compliance with the setback limits in Permit Condition 2.7:

- Before initial startup of any emissions source listed in Table 1.1;
- Each time any emissions source listed in Table 1.1 is relocated in accordance with IDAPA 58.01.01.500; and

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<b>Location:</b>	City, Idaho	

- Any time any emissions source listed in Table 1.1 is changed in such a way that the minimum setback distance is reduced compared to previous operations at that location.

Information recorded shall include, but not be limited to, a brief description of the nearest distance to any area where the general public has access, and the minimum setback distance in meters or feet to an accuracy of plus or minus 1.8 meters (6 feet).

**2.20 Used Oil Certification**

The permittee shall demonstrate compliance with the used oil fuel specifications in Permit Condition 2.10 by obtaining a used oil fuel certification from the used oil fuel supplier on an as-received basis for each shipment or by having the fuel analyzed by a qualified laboratory. The certification shall include the following information:

- The name and address of the used oil supplier;
- The measured concentration, expressed as ppm, of each constituent listed in Table 2.4;
- The flash point of the used oil expressed as degrees Fahrenheit;
- The analytical method or methods used to determine the concentration of each constituent and property (flash point) listed in Table 2.4;
- The date and location of each sample; and
- The date of each certification analysis.

**2.21 Fuel Sulfur Content Monitoring**

The permittee shall maintain documentation of supplier verification of fuel oil and used oil sulfur content on an as-received basis to demonstrate compliance with Permit Condition 2.11.

**2.22 Odor Complaints**

The permittee shall maintain records of all odor complaints received to demonstrate compliance with Permit Condition 2.12. The permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

**2.23 Baghouse Pressure Differential Monitoring**

The permittee shall monitor and record the pressure drop across the HMA Dryer Baghouse on a weekly basis to demonstrate compliance with Permit Condition 2.14.

***Performance Testing Requirements***

**2.24 Initial Performance Test – NSPS**

Performance testing on the HMA Dryer Baghouse stack shall be performed within 60 days after achieving the maximum permitted production rate in Permit Condition 2.7, but not later than 180 days after initial startup of the HMA plant, in accordance with 40 CFR 60.8.

The initial performance test shall measure the PM emission rate in grains per dry standard cubic feet and the opacity to demonstrate compliance with the emission limits in Permit Condition 2.4.

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<b>Location:</b>	City, Idaho	

The performance test shall be conducted under worst-case normal operating conditions and in accordance with 40 CFR 60.93, 60.8, and 60.11; Permit Conditions 2.4, 2.26, and 2.27; and General Provision 6 of this permit. The permittee is encouraged to submit a performance testing protocol for approval 30 days prior to conducting the performance tests.

Each performance test shall consist of three separate runs using the applicable test method in accordance with 40 CFR 60.8(f).

**2.25 Periodic Performance Testing**

Performance testing on the HMA Dryer Baghouse stack shall be performed concurrently with the initial performance test required by Permit Condition 2.24, and no less than once every five years following the date the initial performance test is required by Permit Condition 2.24.

The performance test shall measure the PM<sub>10</sub> emission rate in pounds per hour and the opacity to demonstrate compliance with Permit Conditions 2.6 and 2.3.

The performance test shall be conducted under worst-case normal operating conditions and in accordance with IDAPA 58.01.01.157; Permit Conditions 2.3, 2.6, 2.26, and 2.28; and General Provision 6 of this permit. The permittee is encouraged to submit a performance testing protocol for approval 30 days prior to conducting the performance tests.

**2.26 Performance Test Monitoring and Recordkeeping**

The permittee shall monitor and record the following during each performance test:

- The HMA production rate, in tons per hour, once every 15 minutes;
- The recycled asphalt pavement usage in tons per hour, once every 15 minutes;
- The type of fuel combusted in the HMA Dryer; and
- The visible emissions observed during the performance test.

**2.27 Performance Test Methods – NSPS**

The permittee shall comply with the applicable requirements of 40 CFR 60, Subpart I – Standards of Performance for Hot Mix Asphalt Facilities and Subpart A – General Provisions.

- In accordance with 40 CFR 60.93(b) and 60.11(b), the permittee shall determine compliance with the particulate matter standards in Permit Condition 2.4 as follows:
  - EPA Reference Method 5 shall be used to determine the particulate matter concentration. The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).
  - EPA Reference Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity.
- In accordance with 40 CFR 60.93(a), in conducting performance tests, the permittee shall use as reference methods and procedures the test methods in 40 CFR 60 Appendix A.
- In accordance with 40 CFR 60.11(e), for the purpose of demonstrating initial compliance, opacity observations shall be conducted concurrently with the initial performance test required by Permit Condition 2.24.

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**Location:** City, Idaho

**Facility ID No. 777-00443**

**2.28 PM/PM<sub>10</sub> Performance Test Methods**

The permittee shall use EPA Method 5 and 202 or such comparable and equivalent methods approved in accordance with Subsection 157.02.d to determine compliance with the particulate matter standard in Permit Condition 2.6 in accordance with IDAPA 58.01.01.700.04.

The permittee shall use EPA Method 9 to determine compliance with the opacity matter standard in Permit Condition 2.3 in accordance with IDAPA 58.01.01.625.04.

***Reporting Requirements***

**2.29 Performance Test Reporting**

Performance test reports shall include records of the monitoring required by Permit Condition 2.26, and documentation that the performance test was conducted in accordance with Permit Conditions 2.24 and/or 2.25. Performance test reports shall be submitted by the permittee to the following address:

Air Quality Permit Compliance  
Idaho Falls Regional Office  
Department of Environmental Quality  
900 N. Skyline, Suite B  
Idaho Falls, ID 83402

Phone: (208) 528-2650  
Fax: (208) 528-2695

**2.30 Relocation**

At least 10 days prior to relocation of any equipment listed in Table 1.1, the permittee shall submit a scaled plot plan and a complete Portable Equipment Relocation Form (PERF) in accordance with IDAPA 58.01.01.500, to the following address or fax number:

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

Phone: (208) 373-0502  
Fax: (208) 373-0340

The scaled plot plan shall show the location of any emissions source listed in Table 1.1, and distances to any area outside of a building where the general public has access, including property boundaries.

Electronic copies of the PERF may be obtained from the DEQ website;

[http://www.deq.idaho.gov/air/permits\\_forms/forms/ptc\\_relocation.pdf](http://www.deq.idaho.gov/air/permits_forms/forms/ptc_relocation.pdf)  
[http://www.deq.idaho.gov/air/permits\\_forms/forms/ptc\\_relocation.doc](http://www.deq.idaho.gov/air/permits_forms/forms/ptc_relocation.doc)

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**Permittee:** Salmon Asphalt & Paving  
**Location:** City, Idaho

**Facility ID No. 777-00443**

**2.31 General Provisions – NSPS**

The permittee shall comply with the applicable requirements of 40 CFR 60, Subpart A – General Provisions.

**Table 2.5 SUBPART A – GENERAL PROVISIONS**

Section	Section Title	Summary of Section Requirements
60.4	Address	<ul style="list-style-type: none"> <li>All notifications and reports shall be submitted to:                      Department of Environmental Quality                      Idaho Falls Regional Office                      900 N. Skyline, Suite B                      Idaho Falls, ID 83402</li> </ul>
60.7(a),(b),(c), (d) and (f)	Notification and Record Keeping	<ul style="list-style-type: none"> <li>Notification of commencement of construction postmarked no later than 30 days after such date.</li> <li>Notification of startup postmarked within 15 days of such date.</li> <li>Notification of physical or operational change that may increase emissions postmarked 60 days before the change is made.</li> <li>Maintain records of the occurrence and duration of any: startup, shutdown or malfunction of the affected source; malfunction of air pollution control device; and any period when a continuous monitoring system or monitoring device is inoperative.</li> <li>For affected units with continuous monitoring device requirements report excess emissions and monitoring system performance semiannually, postmarked by January 30<sup>th</sup> and July 30<sup>th</sup> (in the format required by NSPS).</li> <li>Maintain in a permanent form records suitable for inspection of all measurements, system testing, performance measurements, calibration checks, and adjustments/maintenance performed. Records shall be maintained for a period of two years from the date the record is required to be generated by the applicable regulation.</li> <li>CEMS record keeping requirements depending on whether data is automatically or manually recorded - 40 CFR 60.7(f).</li> </ul>
60.8	Performance Tests	<ul style="list-style-type: none"> <li>The owner or operator shall provide notice at least 30 days prior to any performance test to afford an opportunity for an observer to be present during testing.</li> <li>Within 60 days of achieving maximum production, but not later than 180 days after startup the permittee shall conduct performance test(s) and furnish a written report of the results of the test(s).</li> </ul>
60.11(a),(b),(c), (d) and (g)	Compliance with Standards and Maintenance Requirements	<ul style="list-style-type: none"> <li>Other than opacity standards, where performance tests are required compliance with standards is determined by methods and procedures established by 40 CFR 60.8.</li> <li>Compliance with NSPS opacity standards shall be determined by Method 9 of Appendix A. The owner or operator may elect to use COM measurements in lieu of Method 9 provided notification is made at least 30 days before the performance test.</li> <li>At all times, including periods of startup, shutdown, and malfunction to the extent practicable, the operator shall maintain and operate any affected facility and air pollution control equipment consistent with good air pollution control practices.</li> <li>For the purposes of determining compliance with standards any credible evidence may be used if the appropriate performance or compliance test procedure has been performed.</li> </ul>
60.12	Circumvention	<ul style="list-style-type: none"> <li>No owner or operator shall build, erect, install or use any article or method, including dilution, to conceal an emission which would otherwise constitute a violation.</li> </ul>
60.14	Modification	<ul style="list-style-type: none"> <li>Physical or operational changes to source types that are regulated by a NSPS which result in an increase in hourly emissions to which a standard applies is considered a modification (unless expressly exempted the NSPS). Modified sources become subject to the NSPS standards.</li> <li>Note that in accordance with IDAPA 58.01.01.201 no owner or operator may commence a modification without first obtaining a permit to construct unless the modification is exempted from the need to obtain a permit in accordance with IDAPA 58.01.01.220-223.</li> </ul>

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<b>Location:</b>	City, Idaho	

***PM<sub>10</sub> Nonattainment Areas***

**2.32 PM<sub>10</sub> Nonattainment Area Operations**

The permittee shall not relocate and operate any equipment listed in Table 1.1 in any PM<sub>2.5</sub> or PM<sub>10</sub> nonattainment area.

Contact DEQ for current nonattainment area status and more specific details about the nonattainment area boundaries. The geographical locations of nonattainment areas in Idaho may be found online at: [http://www.deq.idaho.gov/air/data\\_reports/monitoring/overview.cfm#AttvNon](http://www.deq.idaho.gov/air/data_reports/monitoring/overview.cfm#AttvNon).

***Collocation***

**2.33 Collocated Operations**

The emission sources listed in Table 1.1 may not collocate with any other source of emissions, including another HMA plant, concrete batch plant, sand and gravel operation, or electrical generator set.

An emissions source listed in Table 1.1 shall be considered to be collocated if the nearest distance between any emissions source not listed in Table 1.1 and any emissions source listed in Table 1.1 is less than 1,000 ft (305 m).

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<b>Location:</b>	City, Idaho

**Facility ID No. 777-00443**

**3. PERMIT TO CONSTRUCT GENERAL PROVISIONS**

***General Compliance***

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 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.  

**[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.  

**[IDAPA 58.01.01.211, 5/1/94]**
3. Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules and regulations.  

**[IDAPA 58.01.01.212.01, 5/1/94]**

***Inspection and Entry***

4. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:
  - a. Enter upon the permittee's premises where an emissions source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;
  - b. Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
  - c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
  - d. As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

**[Idaho Code §39-108]**

***Construction and Operation Notification***

5. The permittee shall furnish DEQ written notifications as follows in accordance with IDAPA 58.01.01.211:
  - a. A notification of the date of initiation of construction, within five working days after occurrence;
  - b. A notification of the date of any suspension of construction, if such suspension lasts for one year or more;
  - c. A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date;

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- d. A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date; and
- e. A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

**[IDAPA 58.01.01.211, 5/1/94]**

***Performance Testing***

- 6. If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

**[IDAPA 58.01.01.157, 4/5/00]**

***Monitoring and Recordkeeping***

- 7. The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Records of monitoring information shall include, but not be limited to the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

**[IDAPA 58.01.01.211, 5/1/94]**

***Excess Emissions***

- 8. The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets and breakdowns.

**[IDAPA 58.01.01.130-136, 4/5/00]**

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***Certification***

9. All documents submitted to DEQ, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification 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.

**[IDAPA 58.01.01.123, 5/1/94]**

***False Statements***

10. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

**[IDAPA 58.01.01.125, 3/23/98]**

***Tampering***

11. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

**[IDAPA 58.01.01.126, 3/23/98]**

***Transferability***

12. This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

**[IDAPA 58.01.01.209.06, 4/11/06]**

***Severability***

13. 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.

**[IDAPA 58.01.01.322.15.h, 5/1/94; 40 CFR 70.6(a)(5)]**