



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

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

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

March 6, 2009

**Certified Mail No. 7190 0596 0014 0000 5711**

Robert VonLintig, Operations Manager  
Staker & Parson Companies, dba Idaho Sand & Gravel Company  
P.O. Box 3429  
Ogden, UT 84409

RE: Facility ID No. 777-00123, Staker & Parson Companies, Portable  
Final Permit Letter

Dear Mr. VonLintig:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2009.0019 to Staker & Parson Companies for a portable hot mix asphalt plant, 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 3, 2008. This permit is effective immediately and replaces PTC No. P-2007.0094, issued on March 26, 2008, the terms and conditions of which no longer apply. This permit does not release Staker & Parson Companies from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

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, appearing to read "Mike Simon".

Mike Simon  
Stationary Source Program Manager  
Air Quality Division

MS\ML\hp

Project No. P-2009.0019

Enclosure



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

**PERMIT No.:** P-2009.0019  
**FACILITY ID No.:** 777-00123  
**AQCR:** Portable **CLASS:** SM **ZONE:** Portable  
**SIC:** 2951 **NAICS:** 324121  
**UTM COORDINATE (km):** Portable

**1. PERMITTEE**  
 Staker & Parson Companies dba Idaho Sand & Gravel Company

**2. PROJECT**  
 Permit to construct revision – name and ownership change

<b>3. MAILING ADDRESS</b> P.O. Box 3429	<b>CITY</b> Ogden	<b>STATE</b> UT	<b>ZIP</b> 84409
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<b>4. FACILITY CONTACT</b> Patrick Clark	<b>TITLE</b> Environmental Advisor	<b>TELEPHONE</b> (801) 430-3116
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<b>5. RESPONSIBLE OFFICIAL</b> Robert VonLintig	<b>TITLE</b> Operations Manager	<b>TELEPHONE</b> (208) 465-4022
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<b>6. EXACT PLANT LOCATION</b> Initial location: 19752 Simplot Blvd., Greenleaf, Idaho	<b>COUNTY</b> Initial location: Canyon
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**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

<b>DATE MODIFIED/REVISED:</b>	March 6, 2009
<b>DATE ISSUED:</b>	December 21, 1999

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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 Practice
CFR	Code of Federal Regulations
CO	carbon monoxide
DEQ	Department of Environmental Quality
dscf	dry standard cubic feet
dscm	dry standard cubic meters
EPA	U.S. Environmental Protection Agency
gal/hr	gallons per hour
gr	grains (1 lb = 7,000 grains)
HMA	hot mix asphalt
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
LPG	liquefied petroleum gas
mg	milligrams
MMBtu/hr	million British thermal units per hour
NAICS	North American Industry Classification System
NSPS	New Source Performance Standards
PCB	polychlorinated biphenyl
NO <sub>x</sub>	nitrogen oxides
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
ppm	parts per million
PTC	permit to construct
RAP	recycled asphalt pavement
RFO4	reprocessed fuel oil grade 4 (used oil)
SIC	Standard Industrial Classification
SM	synthetic minor
SO <sub>2</sub>	sulfur dioxide
T/hr	tons per hour
T/yr	tons per any consecutive 12 calendar month period
TOC	total organic carbon
UTM	Universal Transverse Mercator
VOC	volatile organic compounds

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2009.0019**

<b>Permittee:</b>	Staker & Parson Companies	<b>Facility ID No.</b> 777-00123
<b>Location:</b>	Portable	

**1. PERMIT TO CONSTRUCT SCOPE**

**Purpose**

- 1.1 This permit to construct (PTC) is a transfer by revision for a name and ownership change to an existing facility.
- 1.2 This PTC replaces PTC No. P-2007.0094, issued on March 26, 2008, the terms and conditions of which shall no longer apply.

**Regulated Sources**

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

**Table 1.1 SUMMARY OF REGULATED SOURCES**

<b>Permit Section</b>	<b>Source Description</b>	<b>Emissions Controls</b>
2, 3, 4, 5	<p><b>Hot Mix Asphalt Dryer</b></p> <p>Manufacturer: ADM                      Model: Milemaker Series 160 (counter flow drum mix)                      Burner Model: Power Star SJP 260                      Manufacture date: 1995                      Maximum production: 160 T/hr                      Maximum capacity: 49.3 MMBtu/hr                      Fuel: propane, natural gas, liquefied petroleum gas, distillate fuel oil ASTM grade 1 and 2, residual fuel oil ASTM grade 4, 5 or 6, reprocessed fuel oil</p>	<p><b>Hot Mix Asphalt Dryer Baghouse</b></p> <p>Manufacturer: ADM                      Model: BH351-12                      Exit height: 33.0 ft                      Exit diameter: 2.23 ft                      (1.75 ft x 2.2 ft)                      Exit air flow rate: &gt;11,684 acfm                      Exit temperature: 300 °F</p>
2, 3	<p><b>Asphalt Tank Heater</b></p> <p>Manufacturer: HyWay                      Model: 58 SFGL                      Maximum operation: 2,083 hr/yr                      Maximum capacity: 1.41 MMBtu/hr                      Fuel: Distillate fuel oil ASTM grade 1 or 2                      Fuel consumption: 10.29 gal/hr</p>	<p><b>None</b></p> <p>Exit height: 12.0 ft                      Exit diameter: 0.833 ft                      Exit air flow rate: 378 acfm                      Exit temperature: 300 °F</p>
2, 3, 4, 5	<p><b>Electrical Generator</b></p> <p>Manufacturer: Cummins                      Model: DFHB 60 Hz                      Manufacture date: September 2000                      Maximum operation: 2,083 hr/yr                      Maximum capacity: 800 kW                      Fuel: Distillate Fuel Oil Grade 1 or 2                      Fuel consumption: 54.81 gal/hr</p>	<p><b>None</b></p> <p>Exit height: 13.0 ft                      Exit diameter: 0.67 ft                      Exit air flow rate: 6,602 acfm                      Exit temperature: 924 °F</p>
2, 3	<p><b>Material transfer points</b>                      (includes fugitives)                      Aggregate dump to ground,                      Aggregate dump to conveyor,                      Aggregate conveyor to elevated storage</p>	<p><b>Water sprays or equivalent</b>                      Estimated control efficiency: 75%</p>

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**Location:** Portable

**Facility ID No. 777-00123**

**2. HOT MIX ASPHALT PLANT**

**2.1 Process Description**

The facility is a portable hot mix asphalt (HMA) plant that consists of a drum mix dryer, an asphalt tank heater, a portable generator, a baghouse, an asphalt oil storage tank, and materials transfer equipment. Materials transfer equipment may include front end loaders, storage bins, storage silos, 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, it 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 is supplied to the plant from the local power grid or may be supplied from a portable generator (when operated in attainment areas and not collocated).

**2.2 Emissions Control Description**

Particulate matter (PM) emissions from the HMA dryer are controlled by a baghouse.

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**3. STATEWIDE REQUIREMENTS**

The permittee shall comply with the following conditions when the portable HMA plant is operated anywhere within the state of Idaho.

***Emissions Limits***

**3.1 40 CFR 60, Subpart I – Standard for Particulate Matter**

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.

**3.2 Emission Limits**

The PM<sub>10</sub> emissions from the HMA dryer stack shall not exceed any corresponding emission rate limits listed in Table 3.1.

**Table 3.1 DRYER STACK EMISSION LIMITS<sup>1</sup>**

Source Description	PM <sub>10</sub> <sup>2</sup>	
	lb/hr <sup>3</sup>	T/yr <sup>4</sup>
Dryer stack	3.70	2.90

- 1) In absence of any other credible evidence, compliance is assured by complying with this permit's operating, monitoring and record keeping 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 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.

**3.3 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 in accordance with IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

**3.4 Fugitive Dust Control Strategies**

The permittee shall immediately implement a strategy or strategies to control fugitive dust emissions whenever:

- Visible fugitive emissions are observed leaving the facility boundary. For the purposes of this permit condition, visible emissions shall be determined on a see/no see basis, and the facility boundary shall be defined by the facility property boundary.
- 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 weight bins/hoppers or storage bins/hoppers and transfer of sand and

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aggregate from respective weight bins/hoppers or storage bins/hoppers to a conveyor. Transfer point control strategies for this facility shall include manual water spray capability or installing, operating, and maintaining water spray bars at transfer points, and may also include limiting drop heights as such that there is a homogeneous flow of material.

- Visible fugitive emissions from wind erosion on stockpiles exceed 20% opacity for a period or periods aggregating more than one minute in any 60-minute period.
- Stockpile wind erosion control strategies include, but are not limited to, the following: limit the height of the stockpiles; limit the disturbance of stockpiles; and apply water or a chemical dust suppressant onto the surface of the stockpile.
- Visible fugitive emissions from vehicle traffic on any paved or unpaved roads within the facility boundary of the concrete batch plant exceed 20% opacity for a period or periods aggregating more than one minute in any 60-minute period.
- 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.

**3.5 Odors**

No person shall 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.

***Operating Requirements***

**3.6 HMA Production Limits**

- The production rate of the HMA plant shall not exceed a maximum of 3,840 tons of HMA per day.
- The production rate of the HMA plant shall not exceed a maximum of 250,000 tons of HMA per any consecutive 12-calendar month period.
- 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 day, or 1,920 tons per day, whichever is less.

**3.7 Generator and Asphalt Tank Heater Operating Hours**

- The generator operating hours shall not exceed 2,083 hours per any consecutive 12-calendar month period.
- The asphalt tank heater operating hours shall not exceed 2,083 hours per any consecutive 12-calendar month period.

**3.8 Permitted Fuels**

- The HMA dryer shall combust only natural gas, liquefied petroleum gas, propane, distillate fuel oil (ASTM Grade 1 and 2), residual fuel oil (ASTM Grade 4, 5, and 6), or used oil.
- The generator shall combust only distillate fuel oil (ASTM Grade 1 or 2).
- The asphalt tank heater shall combust only distillate fuel oil (ASTM Grade 1 or 2).

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**3.9 40 CFR 279, Subpart B – Used Oil Specifications**

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 3.2. In addition, used oil shall not contain quantifiable levels (2 ppm) of polychlorinated biphenyls (PCB).

**Table 3.2 USED OIL SPECIFICATIONS<sup>1</sup>**

Constituent/property	Allowable level
Arsenic	5 ppm <sup>2</sup> 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>3</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) parts per million
- 3) Applicable standards for the burning of used oil containing PCB are imposed by 40 CFR 761.20(e)

**3.10 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 58.01.01.728:
  - ASTM Grade 1 fuel oil - 0.3% by weight.
  - ASTM Grade 2 fuel oil - 0.5% by weight.
- The permittee shall not use any fuel oil or used oil containing more than 0.5% sulfur by weight.

**3.11 Baghouse Control Equipment**

The permittee shall install and operate a baghouse/cartridge filter system to control PM and PM<sub>10</sub> emissions from the HMA dryer.

**3.12 Baghouse Monitoring Equipment**

In accordance with manufacturer specifications, the permittee shall install, calibrate, maintain, and operate equipment to continuously measure the pressure differential across the HMA dryer baghouse.

**3.13 Baghouse/Filter System Procedures**

Within 60 days of permit issuance, the permittee shall have developed a Baghouse/Filter System Procedures document for the inspection and operation of the baghouse/filter system which controls emissions from the HMA dryer. 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 included in the manufacturer supplied operating manual.

The Baghouse/Filter System Procedures document shall describe the procedures that will be followed to comply with General Provision 2 and shall contain requirements for monthly see-no-see visible

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emissions inspections of the baghouse. The inspection shall occur during daylight hours and under normal operating conditions.

The Baghouse/Filter System Procedures document shall include a schedule and procedures for corrective action that will be taken if visible emissions are present from the HMA dryer baghouse at any time. At a minimum the document shall include:

- Procedures to determine if bags or cartridges are ruptured; and
- Procedures to determine if bags or cartridges are not appropriately secured in place.

The permittee shall maintain records of the results of each baghouse/filter system inspection. The records shall include a description of whether visible emissions were present, and if visible emissions were present, a description of the corrective action that was taken.

The Baghouse/Filter System Procedures document shall be submitted to DEQ within 60 days after permit issuance 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.

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

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

**3.14 Pressure Drop Across the Baghouse**

The pressure drop across the baghouse shall be maintained within manufacturer and Baghouse/Filter System Procedures document specifications. Documentation of both the manufacturer and Baghouse/Filter System Procedures document operating pressure drop specifications shall remain on site at all times and shall be made available to DEQ representatives upon request.

**3.15 Fugitive Emissions**

All reasonable precautions shall be taken to prevent particulate matter (PM) from becoming airborne in accordance with IDAPA 58.01.01.650-651. 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 which might affect the movement of PM. 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, 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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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 in accordance with IDAPA 58.01.01.808.

***Monitoring and Recordkeeping Requirements***

**3.16 Operating Parameters**

The permittee shall monitor and record the following information:

- HMA production in tons per day and tons per consecutive 12-calendar month period to demonstrate compliance with Permit Condition 3.6,
- Generator operating hours in hours per day and hours per consecutive 12-calendar month period to demonstrate compliance with Permit Condition 3.7,
- Asphalt tank heater operating hours in hours per consecutive 12-calendar month period to demonstrate compliance with Permit Condition 3.7,
- Recycled asphalt pavement used in tons per day to demonstrate compliance with Permit Condition 3.6, and
- Pressure drop across the baghouse to demonstrate compliance with Permit Condition 3.14.

**3.17 Visible Emissions Monitoring**

The permittee shall conduct a facility-wide inspection of potential sources of visible emissions during daylight hours and under normal operating conditions once each calendar month the HMA plant operates, to demonstrate compliance with Permit Conditions 3.1, 3.3, and 3.4. The inspection shall consist of a see/no see evaluation for each potential source of visible emissions. 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 opacity 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.

**3.18 Fugitive Dust Control Plan**

Within 60 days of issuance of the permit, the permittee shall have developed and submitted to the appropriate DEQ Regional Office a Fugitive Dust Control Plan for the hot mix asphalt plant and any collocated crushing, concrete batch, or hot mix asphalt operations. 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.)

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- 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 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 DEQ with the Fugitive Dust Control Plan for DEQ approval.

**3.19 Used Oil Certification**

The permittee shall demonstrate compliance with the used oil fuel specifications in Permit Condition 3.9 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 3.2;
- 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 3.2;
- The date and location of each sample; and
- The date of each certification analysis.

**3.20 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 3.10.

**3.21 Odor Complaints**

The permittee shall maintain records of all odor complaints received to demonstrate compliance with Permit Condition 3.5. 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.

***Performance Testing Requirements***

**3.22 Performance Testing**

Within 180 days after permit issuance, the permittee shall conduct performance tests on the HMA dryer stack to measure the PM emission rate in grains per dry standard cubic feet and the PM<sub>10</sub> emission rate in pounds per hour to demonstrate compliance with the emission limits in Permit Conditions 3.1 and 3.2. The permittee is encouraged to submit a source testing protocol for approval 30 days prior to conducting the performance tests.

The permittee shall test in accordance with IDAPA 58.01.01.157 and the conditions of this permit, including the operating requirements for the HMA plant and General Provision 6.

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

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- 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 drum dryer,
- The pressure drop across the baghouse once every 15 minutes, and
- The visible emissions observed during the performance test.

Performance testing on the HMA drum dryer shall be performed according to the following schedule:

- If the PM emission rate in grains per dry standard cubic feet and the PM<sub>10</sub> emission rate in pounds per hour measured in the most recent tests are less than or equal to 75% of the emission standard in Permit Conditions 3.1 and 3.2, the next tests shall be conducted within five years of the test date.
- If the PM emission rate in grains per dry standard cubic feet or the PM<sub>10</sub> emission rate in pounds per hour measured during the most recent performance test is greater than 75% but less than or equal to 90% of the emission standards in Permit Conditions 3.1 and 3.2, the next tests shall be conducted within two years of the test date.
- If the PM emission rate in grains per dry standard cubic feet or the PM<sub>10</sub> emission rate in pounds per hour measured during the most recent performance test is greater than 90% of the emission standards in Permit Conditions 3.1 and 3.2, the next tests shall be conducted within one year of the test date.

**3.23 40 CFR 60, Subpart I – Test methods and procedures**

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 60.93(b), the permittee shall determine compliance with the particulate matter standards in Permit Condition 3.1 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.

***Reporting Requirements***

**3.24 Performance Test Reporting**

Performance test reporting shall be conducted in accordance with General Provision 6 of this permit and sent to the following address:

Air Quality Permit Compliance  
Boise Regional Office  
Department of Environmental Quality  
1445 N. Orchard St.  
Boise, ID 83706

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**3.25 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 Relocation Form (PERF) 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

Phone: (208) 373-0502

Fax: (208) 373-0340

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

**3.26 40 CFR 60, Subpart A – General Provisions**

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

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2009.0019**

<b>Permittee:</b>	Staker & Parson Companies	<b>Facility ID No. 777-00123</b>
<b>Location:</b>	Portable	

**4. COLLOCATION REQUIREMENTS**

In addition to the conditions in this section, the permittee shall comply with the conditions in the Statewide Requirements when collocated with any other source.

***Operating Requirements***

**4.1 Collocation Areas**

The HMA 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 which specifically allows for collocation in a nonattainment area.

**4.2 Number of Portable Sources**

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

**4.3 HMA Production Limits**

The production rate of the HMA plant shall not exceed a maximum of seven hundred thousand, eight hundred tons per any consecutive 12-month period (700,800 T/yr) when collocated with another HMA plant, concrete batch plant, or rock crushing plant.

**4.4 Generator Operating Hours**

The generator shall not be operated when the HMA plant is collocated with any other emissions source.

**4.5 Permitted Fuels**

The HMA dryer shall not combust used oil when the HMA plant is collocated with any other emissions source.

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**Permittee:** Staker & Parson Companies

**Location:** Portable

**Facility ID No. 777-00123**

**5. NONATTAINMENT AREA REQUIREMENTS**

In addition to the conditions in this section, the permittee shall comply with the conditions in the Statewide Requirements when operating in a PM<sub>10</sub> nonattainment area or when operating in a PM<sub>2.5</sub> nonattainment area. While operating the HMA plant in a PM<sub>10</sub> nonattainment area or a PM<sub>2.5</sub> nonattainment area, the HMA plant may not collocate with any other facility.

***Operating Requirements***

**5.1 HMA Production Limits**

The production rate of the HMA plant shall not exceed a maximum of two thousand, seven hundred and thirty tons per day (2,730 T/day). In addition, the production rate of the HMA facility shall not exceed a maximum of nine hundred and ninety-six thousand, four hundred tons per any consecutive 12-month period (996,400 T/yr) when located in any PM<sub>10</sub> nonattainment area, PM<sub>2.5</sub> nonattainment area, proposed PM<sub>10</sub> nonattainment area, or proposed PM<sub>2.5</sub> nonattainment area.

**5.2 Collocation Requirements**

The HMA plant shall not be collocated with another portable HMA plant, rock crushing plant, or concrete batch plant when located in any PM<sub>10</sub> nonattainment area, PM<sub>2.5</sub> nonattainment area, proposed PM<sub>10</sub> nonattainment area, or proposed PM<sub>2.5</sub> nonattainment area.

**5.3 Generator Operating Hours**

The generator shall not be operated in any PM<sub>10</sub> nonattainment area, PM<sub>2.5</sub> nonattainment area, proposed PM<sub>10</sub> nonattainment area, or proposed PM<sub>2.5</sub> nonattainment area.

**5.4 Permitted Fuels**

The HMA dryer shall not combust used oil when the HMA plant is operated in any PM<sub>10</sub> nonattainment area, PM<sub>2.5</sub> nonattainment area, proposed PM<sub>10</sub> nonattainment area, or proposed PM<sub>2.5</sub> nonattainment area.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2009.0019**

<b>Permittee:</b>	Staker & Parson Companies
<b>Location:</b>	Portable

**Facility ID No. 777-00123**

**6. 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]**

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***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]**

***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)]**