



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

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

September 21, 2010

Gino Scarsella, Vice President
Scarsella Brothers, Inc.
P. O. Box 221
McCammon, ID 83260

RE: Facility ID No. 777-00458, Scarsella Brothers, Inc., McCammon
Transfer of Ownership of PTC

Dear Mr. Scarsella:

This letter acknowledges receipt on August 23, 2010 for a transfer of ownership for a permit to construct (PTC), in accordance with IDAPA 58.01.01.209.04 (Rules for the Control of Air Pollution in Idaho). The transfer of ownership request is for PTC No. P-2009.0052, issued June 30, 2009, and is based on the following information:

Current Permittee Information

Permittee: Johnson Excavation, Inc
Mailing Address: P. O. Box 36, Inkom, ID 83245
Responsible Official: Seth Johnson, President/Owner
Phone Number: (208) 478-6447
Person to Contact: Seth Johnson, President/Owner
Phone Number: (208) 478-6447

Proposed Permittee Information

Permittee: Scarsella Brothers, Inc.
Mailing Address: P. O. Box 221, McCammon
Responsible Official: Gino Scarsella, Vice President
Phone Number: (253) 872-7173
Person to Contact: Kent Merrick, Area Manager, kent.m@scarsellabros.com
Phone Number: (509) 998-8614

All other information in the permit remains the same.

Scarsella Brothers, Inc., McCammon
September 21, 2010
Page 2 of 2

Attached to this letter is revised PTC No. P-2009.0052 with the revised permit cover page reflecting the transfer of ownership. The effective date of the PTC transfer is September 9, 2010. DEQ recommends that you maintain a copy of this letter for your records.

This transfer does not release Scarsella Brothers, Inc. from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances. If you have any questions, please contact Carole Zundel at 208.373.0477 or carole.zundel@deq.idaho.gov.

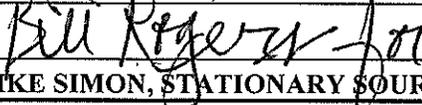
Sincerely,

A handwritten signature in black ink that reads "Mike Simon for". The signature is written in a cursive, flowing style.

Mike Simon
Stationary Source Program Manager
Air Quality Division

Attachment

MS/CZ Permit No. PTC No. P-2009.0052 PROJ 60558

<p style="text-align: center;">Air Quality PERMIT TO CONSTRUCT State of Idaho Department of Environmental Quality</p>	PERMIT NUMBER	CLASS	SIC
	P-2009.0052	SM	2951
	FACILITY ID	AQCR	NAICS
	777-00458	Portable	324121
	ZONE	UTM COORDINATES (km)	
Portable	Portable		
PERMITTEE			
Scarsella Brothers, Inc.			
PROJECT # 60558 AND PROJECT DESCRIPTION			
Permit to Construct Transfer of Ownership			
MAILING ADDRESS	CITY	STATE	ZIP
P. O. Box 221	McCammon	ID	83260
FACILITY CONTACT	TITLE	TELEPHONE	
Kent Merrick	Area Manager	(509) 998-8614	
RESPONSIBLE OFFICIAL	TITLE	TELEPHONE	
Gino Scarsella	Vice President	(253) 872-7173	
EXACT PLANT LOCATION			COUNTY
Portable			Portable
GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS			
Production of hot mix asphalt			
PERMIT AUTHORITY			
<p>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.</p> <p>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.</p> <p>This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.</p> <p>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.</p>			
 CAROLE ZUNDEL, PERMIT WRITER		DATE ISSUED	September 21, 2010
 MIKE SIMON, STATIONARY SOURCE MANAGER			

This permit replaces Permit to Construct No. P-2009.0052, issued June 30, 2009.

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AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2009.0052

Permittee:	Johnson Excavation, Inc.	Facility ID No. 777-00458
Location:	Inkom, Idaho	

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
GCPs	good combustion practices
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
m/sec	meters per second
mg/dscm	milligrams per dry standard cubic meter
MMBtu/hr	million British thermal units per hour
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NSPS	New Source Performance Standards
PAH	polyaromatic hydrocarbons
PCB	polychlorinated biphenyl
PERF	Portable Equipment Relocation Form
PM	particulate matter
PM ₁₀	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 ₂	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

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Location:	Inkom, Idaho	

2. FACILITY-WIDE CONDITIONS

Fuel Specifications

2.1 Allowable Fuels – HMA Aggregate Dryer and Asphalt Tank Heater

- Only natural gas, propane gas, ASTM Grades 1 or 2 distillate fuel oil, or used oil shall be used as fuel in the HMA aggregate dryer.
- Only distillate fuel oil with a sulfur content less than or equal to 0.05% by weight shall be used as fuel in the asphalt tank heater.

2.2 Distillate Fuel Oil Fuel Sulfur Content Limit

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.

2.3 Used Oil Specifications – NSPS Requirement

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 2.1.

Table 2.1 USED OIL SPECIFICATIONS¹

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 ²	< 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)

- The permittee shall not use any used oil containing more than 0.5% sulfur by weight.
- In addition, any used oil shall not contain quantifiable levels (2 ppm) of polychlorinated biphenyls (PCB).

2.4 Allowable Fuels – Diesel Generator Engines - NSPS, 40 CFR 60, Subpart IIII

- In accordance with 40 CFR 60.4207(a), beginning October 1, 2007, fuel used in diesel engines subject to 40 CFR 60, Subpart IIII shall meet the following per-gallon standards: maximum sulfur content of 500 parts per million (ppm, or 0.05% by weight), and a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent.
- In accordance with 40 CFR 60.4207(b), beginning October 1, 2010, fuel used in diesel engines subject to 40 CFR 60, Subpart IIII shall meet the following per-gallon standards: maximum sulfur content of 15 ppm (0.015% by weight), and a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent.

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- In accordance with 40 CFR 80.510, fuels that do not meet these requirements shall contain yellow and/or red dye. Compliance with this requirement is demonstrated by the records required in Permit Condition 2.4 and by visual inspection for evidence of yellow or red colored fuel.

Fuels Monitoring and Recordkeeping Requirements

2.5 Allowable Fuels Documentation

The permittee shall maintain documentation of supplier verification on an as-received basis for all fuels used at this facility to comply with Permit Conditions 2.1 and 2.4.

2.6 Used Oil Certification

The permittee shall demonstrate compliance with the used oil fuel specifications in Permit Condition 2.3 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 2.1
- 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 2.1
- The date and location of each sample
- The date of each certification analysis

2.7 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 Conditions 2.2 and 2.3.

Fugitive Dust Control

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:

- Covered conveyer(s) from drum mixer to fill transfer point.
- 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.

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- 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.

2.9 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. 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.

Odors

2.10 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.

2.11 Odor Complaints

The permittee shall maintain records of all odor complaints received. 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.

Open Burning

- 2.12** The permittee shall comply with the requirements of the Rules for control of Open Burning, IDAPA 58.01.01.600-616.

PM₁₀ Nonattainment Area Operations

- 2.13** The permittee shall not relocate and operate any equipment listed in Table 1.1 in any PM_{2.5} or PM₁₀ nonattainment area.

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Co-location

2.14 This HMA facility may co-locate with one (1) permitted rock crushing facility only if the following restrictions are followed:

- The rock crushing facility and HMA facility shall not operate concurrently
- The rock crushing facility's production shall not exceed the allowable annual production limit of the HMA facility.

The emission sources listed in Table 1.1 shall not co-locate with any other emission source. Emissions sources are considered co-located if they are located and operated within 1,000 feet (305 meters) of each other.

2.15 To demonstrate compliance with the co-location requirement, the permittee shall physically measure and record the minimum distance between the HMA plant and the nearest emission source. This documentation shall be kept onsite and available to DEQ officials upon request.

Relocation

2.16 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 Web site;

http://www.deq.idaho.gov/air/permits_forms/forms/ptc_relocation.pdf

http://www.deq.idaho.gov/air/permits_forms/forms/ptc_relocation.doc

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Location: Inkom, Idaho

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General Provisions NSPS

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

Table 2.1 SUBPART A – GENERAL PROVISIONS

Section	Section Title	Summary of Section Requirements
60.4	Address	<ul style="list-style-type: none"> All notifications and reports shall be submitted to: Department of Environmental Quality Pocatello Regional Office 444 Hospital Way #300 Pocatello, ID 83201 Phone: (208) 236-6160 Fax: (208) 236-6168
60.7(a),(b),(c), (d) and (f)	Notification and Record Keeping	<ul style="list-style-type: none"> Notification of commencement of construction postmarked no later than 30 days after such date. Notification of startup postmarked within 15 days of such date. Notification of physical or operational change that may increase emissions postmarked 60 days before the change is made. 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. For affected units with continuous monitoring device requirements report excess emissions and monitoring system performance semiannually, postmarked by January 30th and July 30th (in the format required by NSPS). 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. CEMS record keeping requirements depending on whether data is automatically or manually recorded - 40 CFR 60.7(f).
60.8	Performance Tests	<ul style="list-style-type: none"> 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. 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).
60.11(a),(b),(c), (d) and (g)	Compliance with Standards and Maintenance Requirements	<ul style="list-style-type: none"> Other than opacity standards, where performance tests are required compliance with standards is determined by methods and procedures established by 40 CFR 60.8. 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. 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. 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.
60.12	Circumvention	<ul style="list-style-type: none"> 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.
60.14	Modification	<ul style="list-style-type: none"> 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. 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.

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Location:	Inkom, Idaho	

Regulatory Citation and Incorporation by Reference

- 2.18** Unless expressly provided otherwise, any reference in this permit to any document identified in IDAPA 58.01.01.107.03 shall constitute the full incorporation into this permit of that document for the purposes of the reference, including any notes and appendices therein. Documents include, but are not limited to:
- Standards of Performance of New Stationary Sources (NSPS), 40 CFR Part 60.
 - National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61.
 - National Emission Standards for Hazardous Air Pollutants for Source Categories (Maximum Achievable Control Technology [MACT] Standards), 40 CFR Part 63.
- 2.19** For permit conditions referencing or cited in accordance with any document incorporated by reference (including permit conditions identified as NSPS or NESHAP), should there be any conflict between the requirements of the permit condition and the requirements of the document, the requirements of the document shall govern, including any amendments to that regulation.

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Location: Inkom, Idaho

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3. HOT MIX ASPHALT PLANT

3.1 Process Description

Stockpiled aggregate is transferred to feed bins. Aggregate may consist of up to 50 percent RAP with no effect on facility emissions. Aggregate is dispensed from the bins onto feeder conveyors, which transfer the aggregate to the aggregate dryer. Aggregate travels through the rotating drum dryer, and when dried, the aggregate is mixed with liquid asphalt cement. The resulting HMA is then conveyed to hot storage bins or silos until it can be loaded into trucks for transport off site.

3.2 Emissions Control Description

Particulate matter (PM) and particulate matter with an aerodynamic diameter less than or equal to ten microns (PM₁₀) emissions from the HMA aggregate dryer are controlled by a baghouse.

Emissions Limits

3.3 Opacity

Emissions from the HMA aggregate dryer baghouse stack or from any other stack, vent, or other functionally equivalent opening associated with this facility, including any co-located and permitted rock crushing facility, 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.

3.4 NSPS, 40 CFR 60, Subpart I—Standard for Particulate Matter (HMA Plants)

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 PM in excess of 90 mg/dscm (0.04 gr/dscf),
- Exhibit 20 percent opacity, or greater.

The particulate matter concentration shall be determined using Method 5 and procedures specified in 40 CFR 60.93. Opacity shall be determined using Method 9 and the procedures in 40 CFR 60.11.

3.5 NSPS - 40 CFR 60, Subpart A – General Provisions

The opacity standard set forth in Permit Condition 3.3 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 aggregate dryer baghouse in a manner consistent with good air pollution control practice for minimizing emissions, in accordance with 40 CFR 60.11(d).

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3.6 IDAPA 58.01.01.676-681, Fuel Burning Equipment—Standard for Particulate Matter (Asphalt Tank Heater)

In accordance with IDAPA 58.01.01.676 and 677, the permittee shall not discharge PM to the atmosphere from any fuel-burning equipment in excess of:

- 0.0015 gr/dscf of effluent gas corrected to 3% oxygen by volume for gas fuels, and
- 0.050 gr/dscf of effluent gas corrected to 3% by volume for liquid fuels.

The particulate matter concentration shall be determined using Method 5 and procedures specified in IDAPA 58.01.01.157 and 678-680.

3.7 PM₁₀ Emissions Limits - HMA Aggregate Dryer Stack

The PM₁₀ emissions from the HMA aggregate dryer stack shall not exceed any corresponding emissions rate limits listed in Table 3.2.

Table 3.2 HMA AGGREGATE DRYER EMISSION LIMITS¹

Source Description	PM ₁₀	
	lb/hr	T/yr
HMA Aggregate Dryer Stack	6.90	2.30

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

Operating Requirements

3.8 Raw Materials

The HMA facility shall process only 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.

3.9 Baghouse System Control Equipment

The permittee shall install and operate the HMA aggregate dryer baghouse to control PM and PM₁₀ from the HMA aggregate dryer.

3.10 Production and Setback Distance Limits

The permittee shall comply with the minimum setback distance listed in Table 3.3, and the daily and annual production rates shall not exceed the values shown in Table 3.3. The setback distance shall be defined as the minimum distance in any direction from the location of the HMA aggregate dryer stack to the property boundary.

Table 3.3 HMA FACILITY PRODUCTION LIMITS AND SETBACK DISTANCE

HMA Production Limits		Setback Distance (ft)
Daily HMA Production – April 1 – November 30	2,000 T/day	282
Daily HMA Production – December 1 through March 31	1,800 T/day	
Annual HMA Production	200,000 T/yr ^a	

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

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Location: Inkom, Idaho

Facility ID No. 777-00458

Monitoring and Recordkeeping Requirements

3.11 Setback

The permittee shall physically measure and record the minimum setback distance to demonstrate compliance with the setback limit:

- 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
- 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 to an accuracy of plus or minus 6 feet.

This information shall remain onsite and be made available to DEQ representatives upon request.

3.12 RAP and HMA Production Rates

- For any day that RAP is fed to the HMA aggregate dryer, record the RAP use in tons per calendar day to demonstrate compliance with Permit Condition 3.8.
- Each day that the HMA aggregate dryer is operated, record the HMA production in tons per day to demonstrate compliance with Permit Condition 3.10.
- Each calendar month that the HMA aggregate dryer is operated, the daily HMA production shall be summed to calculate the tons per month and the tons for the most recent consecutive 12-calendar month period to demonstrate compliance with Permit Condition 3.10.

3.13 Visible Emissions/Opacity Monitoring

Each day 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 3.3. 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.

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Permittee:	Johnson Excavation, Inc.	Facility ID No. 777-00458
Location:	Inkom, Idaho	

Performance Testing Requirements – HMA Aggregate Dryer

3.14 NSPS 40 CFR 60, Subpart I – Initial Performance Test

Performance testing on the HMA aggregate dryer baghouse stack shall be performed within 60 days after achieving the maximum permitted production rate in Permit Condition 3.10, 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 3.4.

3.15 Periodic Performance Tests

Performance testing on the HMA aggregate dryer baghouse stack shall be performed within 180 days of after initial startup of the HMA plant, and no less than once every five years thereafter.

The performance test shall measure the PM stack gas concentration in grains per dry standard cubic feet, the PM₁₀ emission rate in pounds per hour and the opacity to demonstrate compliance with emissions limits and opacity standard in this permit.

The performance test shall be conducted under worst-case normal operating conditions and in accordance with IDAPA 58.01.01.157 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.

3.16 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.

3.17 NSPS 40 CFR 60, Subpart I – Performance Test Methods

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 3.4 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 3.4.

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3.18 PM/PM₁₀ 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 3.7 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 3.3 in accordance with IDAPA 58.01.01.625.04.

Reporting Requirements

3.19 Performance Test Reporting

Performance test reports shall include records of the monitoring required by Permit Condition 3.16, and documentation that the performance test was conducted in accordance with Permit Conditions 3.14 and/or 3.15. Performance test reports shall be submitted by the permittee to the following address:

Air Quality Permit Compliance
Pocatello Regional Office
Department of Environmental Quality
444 Hospital Way #300
Pocatello, ID 83201

Phone: (208) 236-6160

Fax: (208) 236-6168

3.20 Baghouse Operations & Maintenance (O&M) Manual

Within 60 days of initial startup of the HMA facility, the permittee shall have developed a Baghouse System Procedures document for the inspection and operation of the HMA Aggregate Dryer Baghouse. The Baghouse 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 System Procedures document;

- Procedures for inspecting and maintaining the HMA Aggregate Dryer Baghouse in accordance with Permit Condition 3.9 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 Aggregate Dryer Baghouse at any time, including procedures to determine whether bags are ruptured, and procedures to determine if bags or cartridges are not appropriately secured in place.
- The manufacturer name and model, the maximum flowrate (acfm or scfm), and the PM₁₀ control efficiency.

The Baghouse 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 System Procedures document shall be submitted within 15 days of the change.

Air Quality Permit Compliance
Pocatello Regional Office
Department of Environmental Quality
444 Hospital Way #300
Pocatello, ID 83201

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Phone: (208) 236-6160
Fax: (208) 236-6168

The Baghouse 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 System Procedures document are incorporated by reference into this permit and are enforceable permit conditions.

3.21 Baghouse Inspections

The permittee shall maintain records of the results of each baghouse system inspection in accordance with General Provision 7. 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 to demonstrate compliance with Permit Condition 3.3, Emissions Limits – Opacity, and Permit Condition 3.7, Emissions Limits - Particulate Limits HMA Dryer Stack and Permit Condition 3.9, Operating Requirements – Baghouse System Control Equipment.

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4. GENERATORS

4.1 Emissions Control Description

Emissions from Generator G1 and G2 engines are uncontrolled.

Emissions Limits

4.2 NSPS, 40 CFR 60.4204, Subpart III– Smoke (Opacity) Standards - (Generator G1)

In accordance with 40 CFR 60.4204, exhaust opacity from Generator G1 diesel engine must not exceed:

- 20 percent during the acceleration mode,
- 15 percent during the lugging mode, and
- 50 percent during the peaks in either the acceleration or lugging modes.

4.3 NSPS 40 CFR 60, Subpart III Emissions Limits (Generator G1)

- In accordance with 40 CFR 60.4201, Generator G1 diesel engine must comply with the emission standards for new compression ignition (CI) engines for the 2007 model year, and newer, stationary CI internal combustion engines (ICE), as applicable.
- The manufacturer must provide emissions certification for all pollutants.

4.4 NSPS 40 CFR 60, Subpart III Emissions Limits (Generator G2)

In accordance with 40 CFR 60.4204, Generator G2 diesel engine must comply with the emission standards listed in Table 4.1

**Table 4.1 SUMMARY OF TABLE 1 TO SUBPART III OF PART 60 –
EMISSION STANDARDS FOR STATIONARY PRE-2007 MODEL YEAR ENGINES
WITH A DISPLACEMENT OF <10 LITERS PER CYLINDER**

Maximum Engine Power	HC (g/hp-hr)	NO _x (g/hp-hr)	CO (g/hp-hr)	PM (g/hp-hr)
kW > 560	1.0	6.9	8.5	0.40

Operating Limits

4.5 Generator G2 Operating Hours

The operating hours of Generator G2 shall not exceed:

- 3500 hours per year
- 17 hours per calendar day

4.6 NSPS, 40 CFR 60, Subpart III – Generator Maintenance - (Generator G1 and G2)

The permittee shall operate and maintain Generators G1 and G2 diesel engines according to the manufacturer’s written instructions or procedures developed by the permittee that are approved by the engine manufacturer, over the entire life of the engine. In addition, the permittee may only change those settings that are permitted by the manufacturer.

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4.7 NSPS, 40 CFR 60, Subpart III – Non-Resettable Hour Meter - (Generators G1 and G2)

In accordance with 40 CFR 60.4209, the permittee shall install a non-resettable hour meter prior to startup of Generators G1 and G2 diesel engines.

Monitoring and Recordkeeping

4.8 Operating Hours (Generator G2)

The permittee shall monitor and record the following information:

- The operating hours of Generator G2 on a daily basis, in hours per calendar day and in hours per year to demonstrate compliance with Permit Condition 4.5

4.9 Manufacturer documentation (Generators G1 and G2)

Within 30 days of the issuance of this PTC, the following documentation shall be filed onsite. This information shall remain onsite at all times and shall be made available to DEQ representatives upon request.

- The manufacturer's certification of EPA emissions.
- A copy of the manufacturer's recommendation for inspection, maintenance, and testing of this system.

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5. 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)]