



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502
www.deq.idaho.gov

C.L. "Butch" Otter, Governor
John H. Tippetts, Director

August 8, 2017

Tim Wright, President
C. Wright Construction, Inc.
1320 South Black Cat Road
Meridian, Idaho 83642

RE: Facility ID No. 001-00019, C. Wright Construction, Inc., Meridian
Final Permit Letter

Dear Mr. Wright:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2017.0010 project 61852 to C. Wright Construction, Inc. for converting the Tier II operating permit to a PTC, upgrading the drum dryer, and installing a baghouse located at Meridian. This PTC is issued in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho) and is based on the certified information provided in your PTC application received on February 21, 2017.

This permit is effective immediately and replaces Tier II operating permit No T2-2008.0054, issued on October 9, 2008. This permit does not release C. Wright Construction, Inc. from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Pursuant to the Construction and Operation Notification General Provision of your permit, it is required that construction and operation notification be provided. Please provide this information as listed to DEQ's Boise Regional Office, 1445 N. Orchard St. Boise, ID 83706, Fax (208) 373-0287.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Tom Krinke, AQ Compliance Officer, at (208) 373-0419 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends that 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 Shawnee Chen at (208) 373-0502 or Shawnee.chen@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".

Mike Simon
Stationary Source Program Manager
Air Quality Division

MS\syc

Permit No. P-2017.0010 PROJ 61852

Enclosures

AIR QUALITY
PERMIT TO CONSTRUCT

Permittee C. Wright Construction Co., Inc.
Permit Number P-2017.0010
Project ID 61852
Facility ID 001-00019
Facility Location 1320 South Black Cat Road
Meridian, ID 83642

Permit Authority

This permit (a) is issued according to the "Rules for the Control of Air Pollution in Idaho" (Rules), IDAPA 58.01.01.200–228; (b) 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; (c) has been granted on the basis of design information presented with the application; (d) does not affect the title of the premises upon which the equipment is to be located; (e) 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; (f) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; and (g) in no manner implies or suggests that the Idaho 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. Changes in design, equipment, or operations may be considered a modification subject to DEQ review in accordance with IDAPA 58.01.01.200–228.

Date Issued August 8, 2017



Shawnee Chen, P.E., Permit Writer



Mike Simon, Stationary Source Manager

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Permit Scope

Purpose

- 1.1 This permit to construct (PTC) is for converting the existing Tier II operating permit to a PTC, for replacing the wet scrubber with a baghouse, and for upgrading the drum dryer burner, shack, and flights.

This permit includes permit conditions that are part of the compliance strategy for the Northern Ada County PM₁₀ Maintenance Plan.

The permittee is allowed to operate the existing HMA plant under the existing Tier II operating permit until January 1, 2018.

[8/8/2017]

- 1.2 Those permit conditions that have been modified or revised by this permitting action are identified by the permit issue date citation located directly under the permit condition and on the right-hand margin.

- 1.3 On January 1, 2018, this PTC will replace Tier II operating permit No T2-2008.0054, issued on October 9, 2008.

[8/8/2017]

Regulated Sources

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

Table 1.1 Summary of Regulated Sources

Permit Section	Source Description	Emissions Control
3	<p><u>Hot-mix Asphalt Plant</u></p> <p>Drum Dryer</p> <p>Manufacturer: Barber Green 1950 Model: Stansteel 7 x 32 Manufactured Date: 1950</p> <p>Drum Dryer Burner</p> <p>Manufacturer: Hauck Manufacturing Model: SJG4220 G Manufactured Date: 2016 Rated heat input: 40 MMBtu/hr</p> <p>Maximum asphalt production: 130 T/hr Fuel type: natural gas</p>	<p><u>Baghouse</u></p> <p>Manufacturer: Cedar Rapids Model: 42447</p> <p>Particulate matter emission concentration: 0.01 gr/dscf</p> <p>Baghouse flowrate: 47,000 dscfm</p>
4	Emissions associated with mined and processed river deposits	Reasonable water application

[8/8/2017]

Facility-Wide Conditions

Fugitive Dust Control

2.1 Reasonable Control of Fugitive Emissions

In accordance with IDAPA 58.01.01.650-651, all reasonable precautions shall be taken to prevent particulate matter from becoming airborne.

The permittee shall monitor and maintain records of the frequency and the method(s) used (e.g., water, chemical dust suppressants) to reasonably control fugitive dust emissions.

The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date that 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.

The permittee shall conduct a daily facility-wide inspection of potential sources of fugitive dust emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive dust emissions are effective. If fugitive dust 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 dust 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 dust emissions, and the date the corrective action was taken.

[8/8/2017]

2.2 Fugitive Emissions Controls

In accordance with IDAPA 58.01.01.808.01 and 808.02, the asphalt plant shall employ efficient fugitive dust controls. The control shall be employed and maintained in such a manner as to satisfactorily control the emission of particulate material from any point other than a stack outlet. These controls include, but are not limited to:

- Maintaining the moisture content in ¼" or smaller aggregate material at 1.5% by weight, by using water sprays, by using shrouds, or other emissions controls. If this fugitive dust control is employed at this facility, the permittee shall measure the moisture content of smaller aggregate on a weekly basis. In addition, records shall be maintained to demonstrate compliance with this selected method.
- Aggregate Weigh Conveyor(s) - Transfer from the bins to the conveyors and from the conveyors to the scalping screens. If this fugitive dust control is employed at this facility, the permittee shall be able to demonstrate this to DEQ staff.
- Aggregate Scalping Screen(s) - Aggregate flow across the scalping screen onto the conveyors. If this fugitive dust control is employed at this facility, the permittee shall be able to demonstrate this to DEQ staff.
- Aggregate Conveyor(s) to the asphalt drum dryer (e.g., opening of the drum) - Aggregate transfer from the conveyors to the asphalt drum dryer. If this fugitive dust control is employed at this facility, the permittee shall be able to demonstrate this to DEQ staff.
- Operate with a covered conveyor(s) from the asphalt drum dryer to the silo fill transfer point, or if loaded directly into the truck, from the asphalt drum dryer to the truck load out transfer point. If this fugitive dust control is employed at this facility, the permittee shall be able to demonstrate this to DEQ staff.

- Use of a covered conveyor from the HMA drum dryer to the silo/loadout to minimize off-gassing emissions. If this fugitive dust control is employed at this facility, the permittee shall be able to demonstrate this to DEQ staff.
- 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. The permittee shall be able to demonstrate this to DEQ staff.

[8/8/2017]

Odors

- 2.3 The permittee shall not allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.

Monitoring and Recordkeeping Requirements

2.4 Fugitive Dust Monitoring and Recordkeeping

The permittee shall conduct a facility-wide inspection of potential sources of visible fugitive emissions during daylight hours and under normal operating conditions once each day that the asphalt plant operates, to demonstrate compliance with the Reasonable Control of Fugitive Emissions and the Fugitive Emissions Controls permit conditions. The inspection shall consist of a see/no see evaluation for each potential source of visible fugitive emissions. If any visible fugitive emissions are present from any source of fugitive emissions, the permittee shall take appropriate corrective action as expeditiously as practicable to mitigate the visible fugitive emissions.

The permittee shall maintain records of the results of each see/no see evaluation of visible fugitive emissions inspection. The records shall include, at a minimum, the date and results of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time visible fugitive emissions are present (if observed), any corrective action taken in response to the visible fugitive emissions, and the date corrective action was taken.

[8/8/2017]

2.5 Odor Complaints

The permittee shall maintain records of all odor complaints received to demonstrate compliance with the Odors permit condition. 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.

2.6 Recordkeeping

All monitoring and recordkeeping documentation required by this permit shall be maintained in accordance with the Monitoring and Recordkeeping General Provision of the permit.

[8/8/2017]

Reports and Certifications

- 2.7 Any reporting required by this permit shall be submitted to the following address:

Section	Subject	Summary of Section Requirements
60.7(a), (b), and (f)	Notification and Recordkeeping	<ul style="list-style-type: none"> • Notification shall be furnished of commencement of construction postmarked no later than 30 days of such date. • Notification shall be furnished of initial startup postmarked within 15 days of such date. • Notification shall be furnished of any physical or operational change that may increase emissions postmarked 60 days before the change is made. • Records shall be maintained of the occurrence and duration of any startup, shutdown or malfunction; any malfunction of the air pollution control equipment; or any periods during which a CMS or monitoring device is inoperative. • Records shall be maintained, in a permanent form suitable for inspection, of all measurements, performance testing measurements, calibration checks, adjustments and maintenance performed, and other required information. Records shall be maintained for a period of two years following the date of such measurements, maintenance, reports, and records.
60.8	Performance Tests	<ul style="list-style-type: none"> • At least 30 days prior notice of any performance test shall be provided to afford the opportunity to have an observer to be present. • Within 60 days of achieving the maximum production rate, but not later 180 days after initial startup, performance test(s) shall be conducted and a written report of the results of such test(s) furnished. • Performance testing facilities shall be provided as follows: <ul style="list-style-type: none"> Sampling ports adequate for test methods applicable to such facility. Safe sampling platform(s). Safe access to sampling platform(s). Utilities for sampling and testing equipment. • Performance tests shall be conducted and data reduced in accordance with 40 CFR 60.8(b), (c), and (f).
60.11(a), (d), (f), and (g)	Compliance with Standards and Maintenance Requirements	<ul style="list-style-type: none"> • When performance tests are required, compliance with standards is determined by methods and procedures established by 40 CFR 60.8. • At all times, including periods of startup, shutdown, and malfunction, the owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. • For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard, nothing shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.
60.12	Circumvention	<ul style="list-style-type: none"> • No permittee shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard.
60.14	Modification	<ul style="list-style-type: none"> • A physical or operational change which results in an increase in the emission rate to the atmosphere or any pollutant to which a standard applies shall be considered a modification, and upon modification an existing facility shall become an affected facility in accordance with the requirements and exemptions in 40 CFR 60.14. • Within 180 days of the completion of any physical or operational change, compliance with all applicable standards must be achieved.
60.15	Reconstruction	<ul style="list-style-type: none"> • An existing facility, upon reconstruction, becomes an affected facility, irrespective of any change in emission rate in accordance with the requirements of 40 CFR 60.15.

[8/8/2017]

3 Hot-Mix Asphalt Plant

3.1 Process Description

Asphalt is made at the facility as follows: first, stockpiled aggregate is transferred to feed bins. Aggregate is then dispensed from the feed bins onto feeder conveyors, which transfer the aggregate to the asphalt drum dryer. The asphalt drum dryer is fired on natural gas exclusively. Next, aggregate travels through the rotating drum dryer, and when dried and heated, it is mixed with hot liquid asphaltic oil. The asphaltic oil is heated by the asphalt tank heater to allow it to flow and be mixed with the hot, dry aggregate. The resulting asphalt is conveyed to hot storage bins until it can be loaded into trucks for transport off site or transferred to silos for temporary storage prior to transport off-site.

[8/8/2017]

3.2 Emission Control Description

Emissions from the drum dryer of the HMA plant are controlled by a baghouse.

Table 3.1 Hot-Mix Asphalt Plant

Emissions Unit / Process	Emissions Control Device	Emissions Point
Hot-mix asphalt plant	Baghouse	Baghouse stack

[8/8/2017]

Emissions Limits

3.3 PM₁₀ Emission Limits

The PM₁₀ emissions from the asphalt drum dryer baghouse stack shall not exceed any corresponding emissions rate limits listed in Table 3.2.

Table 3.2 Emissions Limits

Source Description	PM ₁₀	
	lb/hr ^a	T/yr ^b
Hot-mix asphalt plant's baghouse stack	4.86 ^c	1.80

^a pound per hour

^b tons per consecutive 12-month period. Not a SIP limit

^c limit from SIP

[Northern Ada County SIP Requirement and 8/8/2017]

3.4 40 CFR 60, Subpart I – Standard for Particulate Matter

In accordance with 40 CFR 60.92, the emissions from the asphalt drum dryer baghouse stack shall not exceed:

- Particulate matter in excess of 0.04 gr/dscf (90 mg/dscm)
- 20% opacity

[8/8/2017]

3.5 Opacity Limit

Visible emissions from the asphalt drum dryer baghouse stack, the load-out station stack(s), and the silo filling slat conveyor stack, or any other stack, vent, or functionally equivalent opening associated with the asphalt drum dryer baghouse, the load-out station, and the silo filling slat conveyor processes, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

[8/8/2017]

Operating Requirements

3.6 Asphalt Production Limits

- The asphalt production shall not exceed 130 tons per hour. [8/8/2017]
- The asphalt production shall not exceed 80,000 tons per any consecutive 12-month period.

3.7 Operating Hours

The permittee shall not operate the hot-mix asphalt plant for more than 12 hours in any calendar day.
[Northern Ada County SIP Requirement]

3.8 Hot-Mix Asphalt Plant Burner Fuel

The permittee shall combust natural gas exclusively in the hot-mix asphalt plant's burner.
[Northern Ada County SIP Requirement]

3.9 Baghouse System Control Equipment

The permittee shall install, operate, and maintain a baghouse to control emissions from the asphalt drum dryer.
[8/8/2017]

Performance Testing Requirements

3.10 Initial 40 CFR 60, Subpart I – Standard for Particulate Matter Performance Test

Performance testing on the asphalt drum dryer baghouse stack shall be performed within 60 days after achieving any of the maximum permitted production rates specified in the Asphalt Production Limits permit condition, but not later than 180 days after initial startup of the asphalt 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 40 CFR 60, Subpart I – Standard for Particulate Matter permit condition.

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 and the Performance Testing General Provision 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).

[8/8/2017]

3.11 40 CFR 60, Subpart I – Standard for Particulate Matter Performance 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 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 the 40 CFR 60, Subpart I – Standard for Particulate Matter Limit permit condition as follows:

- 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. 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 60.11(e), for the purpose of demonstrating initial compliance, opacity observations shall be conducted concurrently with the initial performance test required by the Initial 40 CFR 60, Subpart I – Standard for Particulate Matter Performance Test permit condition.

[8/8/2017]

3.12 **PM₁₀ and Opacity Performance Testing**

Performance testing on the asphalt drum dryer baghouse stack may be performed concurrently with the initial performance test required by Initial 40 CFR 60, Subpart I – Standard for Particulate Matter Performance Test permit condition. Testing must occur within 180 days of permit issuance and no less than once every five years following the date the initial performance test was performed.

The performance test shall measure the PM₁₀ emission rate in pounds per hour and the opacity to demonstrate compliance with the PM₁₀ Emissions Limit and Opacity Limit permit conditions.

The performance test shall be conducted under worst-case normal operating conditions and in accordance with IDAPA 58.01.01.157 and Performance Testing General Provision of this permit. The permittee is encouraged to submit a performance testing protocol for approval 30 days prior to conducting the performance tests.

[8/8/2017]

3.13 **PM₁₀ and Opacity Performance Testing Methods and Procedures**

The permittee shall use EPA Methods 5 and 202, or EPA Methods 201A and 202, or such comparable and equivalent methods approved in accordance with Subsection 157.02.d, to determine compliance with the PM₁₀ Emissions Limit permit condition.

The permittee shall use EPA Method 9 to determine compliance with the Opacity Limit permit condition with the method of calculating opacity exceedances altered in accordance with IDAPA 58.01.01.625.04.

[8/8/2017]

3.14 **Performance Test Monitoring and Recordkeeping**

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

- The asphalt production rate, in tons per hour, at least once every 15 minutes
- The visible emissions observed
- The recycled asphalt pavement (RAP) percentage usage
- The fuel combusted in the asphalt drum dryer

[8/8/2017]

Monitoring and Recordkeeping Requirements

3.15 Operating Parameter Monitoring and Recordkeeping Requirements

3.15.1 For each day that the asphalt drum dryer is operated, the permittee shall maintain the following records:

- The amount of asphalt produced in tons per hour to demonstrate compliance with the hourly Asphalt Production Limits permit conditions.

[8/8/2017]

3.15.2 The permittee shall monitor and record the amount of asphalt produced monthly and annually. Monthly production shall be summed for the previous consecutive 12-month period to demonstrate compliance with Asphalt Production Limits Permit Condition.

[Northern Ada County SIP Requirement]

3.15.3 The permittee shall record the startup and shutdown of the hot-mix asphalt plant each day the plant operates to demonstrate compliance with Operating Hours Permit Condition.

[Northern Ada County SIP Requirement]

3.16 Baghouse Procedures

Within 60 days of the initial plant start-up with the baghouse installed, the permittee shall have developed a Baghouse System Procedures document for the inspection and operation of the Baghouse System which controls emissions from the drum dryer. The Baghouse 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 System Procedures document shall describe the procedures that will be followed to comply with the General Provisions and shall contain requirements for monthly see-no-see visible emissions inspections of the baghouse when the drum dryer is operating. The inspection shall occur during daylight hours and under normal operating conditions.

The Baghouse System Procedures document shall also include a schedule and procedures for corrective action that will be taken if visible emissions are present from the 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 inspections in accordance with the General Provisions of this permit. The records shall include , but not be limited to, the following:

- Date and time of inspection;
- Equipment inspected (e.g. exterior housing of baghouse, fan motor, auger, inlet air ducting);
- Description of whether visible emissions were present, and if visible emissions were present a description of the corrective action that was taken.
- Date corrective action was taken.

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

The Baghouse System Procedures document shall also remain on site at all times and shall be made available to DEQ representatives upon request.

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

[8/8/2017]

3.17 Performance Test Reporting

Performance test reports shall include records of the monitoring and recordkeeping required by the Performance Test Monitoring and Recordkeeping permit condition and documentation that the performance test was conducted in accordance with the Initial 40 CFR 60, Subpart I – Standard for Particulate Matter Performance Test and in accordance with the PM₁₀ and Opacity Performance Testing permit conditions. Performance test reports shall be submitted by the permittee to the address in Permit Condition 2.7.

[8/8/2017]

4. Associated Process Emissions

4.1 Process Description

A hot-mix asphalt plant combines dried aggregates and hot oil to produce asphaltic concrete.

Table 4.1 HOT –MIX ASPHALT PLANT

Emissions Unit / Process	Emissions Control Device
Associated Process Emissions	Reasonable Control

Emissions Limits

4.2 Emission Limits

The PM₁₀ emissions from sand and gravel transfers, crushers, screens, vehicle traffic and associated processes shall not exceed 31 tons per any consecutive 12-month period

[Northern Ada County SIP Requirement]

Operating Requirements

4.3 Sand and Gravel Mining

River deposits that are mined shall not exceed 729,000 tons per any consecutive 12-month period.

[Northern Ada County SIP Requirement]

4.4 Processed Material

River deposits that are processed (crushed, screened, transferred, etc.) shall not exceed 461,000 tons per any consecutive 12-month period.

[Northern Ada County SIP Requirement]

4.5 Skimmer Screen and Stand-alone Screen Deck NSPS Opacity Limit – 40 CFR 60 Subpart OOO

- The PM emissions from the NSPS affected skimmer screen deck (1986 project) and the stand-alone screen deck (1997 project) shall not exhibit greater than 10% opacity as required by 40 CFR 60.672(b).
- Opacity shall be determined using procedures specified in IDAPA 58.01.01.625.04.

Monitoring and Recordkeeping Requirements

4.6 The permittee shall monitor and record the following information. Records of this information shall be maintained in accordance with Monitoring and Recordkeeping General Provision.

4.6.1 The total amount of river deposits mined monthly and annually. Monthly throughput shall be summed over the previous consecutive 12-month period to demonstrate compliance with Permit Condition 4.3. The total amount of river deposits mined is defined as the amount that is mined for use by the permittee plus the amount that is mined and sold to the general public, contractors, etc.

4.6.2 The total amount of river deposits processed by the permittee monthly and annually. Monthly throughput shall be summed over the previous 12-month period to demonstrate compliance with Permit Condition 4.4.

[Northern Ada County SIP Requirement]

5. Summary Of Emission Rate Limits

Table 5.1 provides a summary of all emission rate limits required by this permit.

Table 5.1 Summary of Emission Rate Limits

C. Wright Construction Inc., Meridian Emission Limits ^a – Hourly (lb/hr), and Annual ^b (T/yr)		
Source Description	Hourly PM ₁₀ Emissions ^c lb/hr	Annual PM ₁₀ Emissions ^c T/yr
Hot-mix asphalt plant's baghouse stack	4.86	1.80 ^d
All associated process emissions (fugitives included)	--	31

^a As determined by a pollutant-specific EPA reference method, a DEQ-approved alternative, or as determined by DEQ's emissions estimation methods used in this permit analysis.

^b As determined by multiplying the actual or allowable (if actual is not available) pound per hour emission rate by the allowable hours per year that the process(es) may operate(s), or by actual annual production rates.

^c Includes condensibles

^d not a SIP limit

[Northern Ada County SIP Requirement]

6. General Provisions

General Compliance

6.1 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, 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.]

6.2 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]

6.3 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

6.4 Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:

- Enter upon the permittee’s premises where an emissions source is located, emissions-related activity is conducted, or where records are kept under conditions of this permit;
- Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
- Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
- 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

6.5 This permit shall expire if construction has not begun within two years of its issue date, or if construction is suspended for one year.

[IDAPA 58.01.01.211.02, 5/1/94]

6.6 The permittee shall furnish DEQ written notifications as follows:

- A notification of the date of initiation of construction, within five working days after occurrence; except in the case where pre-permit construction approval has been granted then notification shall be made within five working days after occurrence or within five working days after permit issuance whichever is later;
- A notification of the date of any suspension of construction, if such suspension lasts for one year or more;
- 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; and

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

[IDAPA 58.01.01.211.03, 5/1/94]

Performance Testing

- 6.7 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.
- 6.8 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.
- 6.9 Within 60 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 and 4/11/15]

Monitoring and Recordkeeping

- 6.10 The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Monitoring records 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, 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.

[Northern Ada County SIP Requirement, IDAPA 58.01.01.211, 5/1/94]

Excess Emissions

- 6.11 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130–136 for excess emissions due to start-up, shut-down, scheduled maintenance, safety measures, upsets, and breakdowns.

[IDAPA 58.01.01.130–136, 4/5/00]

Certification

- 6.12 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

- 6.13 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

- 6.14 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

- 6.15 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

- 6.16 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 58.01.01.211, 5/1/94]