



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor
Toni Hardesty, Director

May 13, 2005

Certified Mail No. 7000 1670 0013 8129 0140

Larry Anderson
Anderson Asphalt Paving
PO Box 759
Hailey, ID 83333

RE: Facility ID No. 777-00286, Anderson Asphalt Paving, Hailey
Final Permit Letter

Dear Mr. Anderson:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-040428 to Anderson Asphalt Paving, in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho). This permit is effective immediately.

This permit replaces two previously issued permits, the terms and conditions of which shall no longer apply: Permit to Construct No. P-3000-0056, issued June 18, 1991, for a hot mix asphalt plant and crusher, and Permit by Rule No. P-010910, issued September 4, 2001, for an El Jay crusher.

This permit does not release Anderson Asphalt Paving from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Since this project does not significantly change the terms of your permit, DEQ will not contact you regarding a meeting to discuss the terms of the permit. However, if you wish to meet to discuss the permit terms and requirements, you may contact Steve VanZandt of the Twin Falls Regional Office to schedule a meeting. If a meeting is scheduled, DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

Anderson Asphalt Paving
Final PTC, May 13, 2005
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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 call Bill Rogers at (208) 373-0502 to address any questions or concerns you may have with the enclosed permit.

Sincerely,



Martin Bauer, Administrator
Air Quality Division

Enclosures

MB/BR/CM/sd

Permit No. P-040428

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c: Steve VanZandt, Twin Falls Regional Office
Charlie Mazzone, Permit Writer
Bill Rogers, Permit Coordinator
Marilyn Seymore/ Pat Rayne, Air Quality Division
Laurie Kral, US EPA Region 10
Permit Binder
Source File
Phyllis Heitman (Ltr Only)
Reading File (Ltr Only)



**Air Quality
PERMIT TO CONSTRUCT**

**State of Idaho
Department of Environmental Quality**

PERMIT No.: P-040428

FACILITY ID No.: 777-00286

AQCR:

CLASS: B

SIC: 2951

ZONE:

UTM COORDINATE (km): Portable

1. PERMITTEE
Anderson Asphalt Paving

2. PROJECT
Permit to Construct Modification

3. MAILING ADDRESS
P. O. Box 759

CITY
Hailey

**STATE
ID**

ZIP
83333

4. FACILITY CONTACT
Larry Anderson

TITLE
Owner

TELEPHONE
208-788-4728

5. RESPONSIBLE OFFICIAL
Larry Anderson

TITLE
Owner

TELEPHONE
208-788-4728

6. EXACT PLANT LOCATION
Portable

COUNTY
Blaine

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS
Hot-mix asphalt production

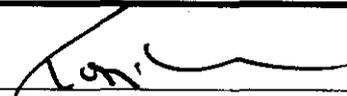
8. GENERAL CONDITIONS

This permit is issued according to IDAPA 58.01.01.200, Rules for the Control of Air Pollution in Idaho, 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 is not transferable to another person, place, or piece or set of 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 of design or equipment may require DEQ approval pursuant to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.200, et seq.



TONI HARDESTY, DIRECTOR
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: May 13, 2005

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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
CFR	Code of Federal Regulations
DEQ	Department of Environmental Quality
dscf	dry standard cubic feet
ft	feet
°F	degrees Fahrenheit
gr	grain (1 lb = 7,000 grains)
gr/dscf	grains per dry standard cubic foot
hp	horsepower
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
in	inch
km	kilometer
kW	kilowatt
MMBtu/hr	million British thermal units per hour
NO _x	nitrogen oxides
PBR	Permit by Rule
PM	particulate matter
PTC	permit to construct
SIC	Standard Industrial Classification
T/hr	tons per hour
UTM	Universal Transverse Mercator

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-040428

Permittee:	Anderson Asphalt Paving	Facility ID No. 777-00286	Date Issued:	May 13, 2005
Location:	Portable			

1. PERMIT TO CONSTRUCT SCOPE

Purpose

1.1 This permitting action is a modification to the facility's existing permit. This permit modification incorporates the following sources previously operating under the Rules for the Control of Nonmetallic Mineral Processing Plants, pursuant to IDAPA 58.01.01.790 through 799 (i.e. Rock Crusher Permit by Rule).

- El Jay model 1213 cone crusher rated at 150 T/hr; manufactured in 1978, Serial No. 42C0178
- Caterpillar 3406 diesel-fire generator rated at 275 kilowatts

1.2 This modified PTC replaces the following permits, the terms and conditions of which shall no longer apply. The following permits are the only permits that have been issued to the facility.

- PTC No. 3000-0056, issued June 18, 1991
- PBR No. P-010910, issued September 4, 2001

Regulated Sources

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

Table 1.1 SUMMARY OF REGULATED SOURCES

Permit Section	Source Description	Emissions Control(s)
2	<p align="center">Portable Hot Mix Asphalt Plant</p> <p><u>AEDCO Model PD 5424 Portable Drum Dryer w/ North American 5131-D Burner rated at 16.8 MMBtu/hr</u></p> <ul style="list-style-type: none"> • Manufactured in 1977 • Serial No. 12G98 (note: the "G" has been x-ed out), • Allowable production – 40 T/hr • Allowable fuel type – distillate fuel oil <p><u>Stack data:</u></p> <ul style="list-style-type: none"> • Stack height – 35 ft • Stack diameter – 3 ft • Stack exhaust flow rate – 14,500 acfm • Stack temperature – 125°F. 	<p><u>Venturi scrubber in series with a Low efficiency wet scrubber</u></p> <ul style="list-style-type: none"> • Ducon model UW-4 111 • Serial No. K777954 • 70 hp fan <p>Note: the venturi scrubber was fabricated by Anderson Asphalt Paving</p>
3	<p align="center">Diesel-fired Electrical Generator</p> <p><u>Caterpillar 3406 D1 engine</u></p> <ul style="list-style-type: none"> • Serial No. 2W811553 • Allowable fuel type – distillate fuel oil • Power output rating – 275 kW <p><u>Stack data:</u></p> <ul style="list-style-type: none"> • Stack height – 13 ft 8in. • Stack diameter – 0.5 ft • Stack exhaust flow rate – 22.56 acfm • Stack temperature – 800°F 	None

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Permittee:	Anderson Asphalt Paving	Facility ID No. 777-00286	Date Issued:	May 13, 2005
Location:	Portable			

2. HOT MIX ASPHALT PLANT

2.1 Process Description

This facility produces hot-mix asphalt used for asphalt paving material.

2.2 Emissions Control Description

Table 2.1 EMISSIONS UNIT NAME| DESCRIPTION

Emissions Unit / Process	Emissions Control Device	Emissions Point
Drum dryer	Wet scrubber	Scrubber exhaust stack

Emissions Limits

2.3 Emissions Limits

- In accordance with 40 CFR 60.92, PM emissions discharged from the drum dryer stack to the atmosphere shall not exceed 0.04 gr/dscf, nor exhibit 20% opacity or greater.
- SO₂ emissions from the drum dryer stack shall not exceed 9.2 tons per any consecutive 12-month period.

2.4 Other PM Emission Limits

Gases from systems for screening, handling, storing, and weighing hot aggregate discharged to the atmosphere shall not exhibit 20% opacity or greater as required by 40 CFR Part 60.92(a)(2).

2.5 Opacity Limit

Emissions from the drum dryer stack, or any other stack, vent, or functionally equivalent opening associated with the hot-mix asphalt plant, 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.

Operating Requirements

2.6 Throughput Limit

The maximum hourly production rate of the hot mix asphalt plant shall not exceed 40 T/hr.

2.7 Dryer Burner Fuel

The fuel supplied to the drum dryer shall be ASTM Grade 1 fuel oil or ASTM Grade 2 fuel oil.

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2.8 Fuel Oil Sulfur Content Limits

The sulfur content in the fuel oil supplied to the drum dryer shall not exceed the following limits as required by IDAPA 58.01.01.728:

- ASTM Grade 1 fuel oil – 0.3% by weight
- ASTM Grade 2 fuel oil – 0.5% by weight

2.9 Scrubbing Media

The scrubbing media flow rate to the scrubber shall be maintained at or above the flow rate measured during the most recent source test demonstrating compliance with this permit.

2.10 Pressure Drop Across Scrubber

The pressure drop across the scrubber shall be maintained at or above the pressure drop measured during the most recent source test demonstrating compliance with this permit.

2.11 Reasonable Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent PM from becoming airborne as required in IDAPA 58.01.01.651. In determining what is reasonable, considerations 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; or
- Prompt removal of earth or other stored material from streets, where practical.

Monitoring and Recordkeeping Requirements

2.12 Throughput Monitoring

The permittee shall monitor and record the average hot-mix asphalt production on a daily basis to demonstrate compliance with Permit Condition 2.6. Records of asphalt production shall remain onsite for the most recent two-year period and shall be made available to DEQ representatives upon request.

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2.13 Fuel Oil Sulfur Content Limits Monitoring

The permittee shall demonstrate compliance with the fuel oil sulfur content limits specified in Permit Condition 2.8 by obtaining documentation of the sulfur content analysis for each shipment of fuel oil (ASTM Grade 1 or ASTM Grade 2) on an as-received basis. Records of each fuel oil sulfur content analysis shall remain onsite for the most recent two-year period and shall be made available to DEQ representatives upon request.

2.14 Equipment Monitoring

Equipment shall be installed, maintained and operated in good working condition, to continuously measure the scrubbing media flow rate to the scrubber and the pressure drop across the scrubber. The permittee shall record the scrubbing media flow rate to the scrubber, as well as the pressure drop across the scrubber, once per day to demonstrate compliance with Permit Conditions 2.9 and 2.10. Records of scrubbing media flow rate and pressure drop shall remain onsite for the most recent two-year period and shall be made available to DEQ representatives upon request.

2.15 Reasonable Control Measures Monitoring

The permittee shall monitor and record, during operation, the periodic method(s) used to reasonably control fugitive emissions from this facility. The record shall include the type of control used (e.g., water, environmentally safe chemical dust suppressants, etc.), the frequency and amount of application per day of operation, and the circumstances under which no controls are used. Records of this information shall be kept on site for the most recent two-year period and shall be made available to DEQ representatives upon request.

Reporting Requirements

2.16 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 complete Portable Equipment Registration and Relocation Form (supplied by DEQ) in accordance with IDAPA 58.01.01.500, by including the following information:

- Exact location of the new site of operations;
- Startup date at the new site of operations and the duration of operations at the new site;
- Equipment to be used at the new site;
- A scaled plot plan clearly showing the property boundary of the new site; and
- Other permitted portable sources the unit will be collocated with at the new site of operations (i.e., hot-mix asphalt plant, cement plant, or rock crusher).

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Location:	Portable			

3. 275 KILOWATT DIESEL-FIRED GENERATOR

3.1 Process Description

The generator provides electrical power for the crusher. The generator is a Caterpillar 3406, rated at 275 kW, and is fired exclusively on diesel fuel (ASTM Grade 2 fuel oil).

3.2 Emissions Control Description

Emissions from the generator are uncontrolled.

Emissions Limits

3.3 Emissions Limits

NO_x emissions from the generator stack shall not exceed 14.3 tons per any consecutive 12-month period.

3.4 Opacity Limit

Emissions from the generator stack, or any other stack, vent, or functionally equivalent opening associated with the hot-mix asphalt facility, 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.

Operating Requirements

3.5 Fuel Type

Distillate fuel oil (ASTM Grade 1 fuel oil or ASTM Grade 2 fuel oil) shall be fired exclusively in the generator.

3.6 Fuel Sulfur Content

The sulfur content in the fuel oil supplied to the generator shall not exceed the following limits as required by IDAPA 58.01.01.728:

- ASTM Grade 1 fuel oil – 0.3% by weight
- ASTM Grade 2 fuel oil – 0.5% by weight

3.7 Generator Operations

The generator shall only be used to provide electrical power to the cone crusher.

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Monitoring and Recordkeeping Requirements

3.8 Fuel Oil Sulfur Content Limits Monitoring

The permittee shall demonstrate compliance with the fuel oil sulfur content limits specified in Permit Condition 3.6 by obtaining documentation of the sulfur content analysis for each shipment of fuel oil (ASTM Grade 1 or ASTM Grade 2) on an as-received basis. Records of each fuel oil sulfur content analysis shall remain onsite for the most recent two-year period and shall be made available to DEQ representatives upon request.

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4. PERMIT TO CONSTRUCT GENERAL PROVISIONS

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.
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.
3. The permittee shall allow the Director, and/or the authorized representative(s), upon the presentation of credentials:
 - To enter, at reasonable times, upon the premises where an emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit.
 - At reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and require stack compliance testing in conformance with IDAPA 58.01.01.157 when deemed appropriate by the Director.
4. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
5. The permittee shall notify DEQ, in writing, of the required information for the following events within 5 working days after occurrence:
 - Initiation of Construction - Date
 - Completion/Cessation of Construction - Date
 - Actual Production Startup - Date
 - Initial Date of Achieving Maximum Production Rate - Production Rate and Date
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.

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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.

7. 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.

8. In accordance with IDAPA 58.01.01.123, 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.