



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

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

Dirk Kempthorne, Governor  
C. Stephen Allred, Director

May 31, 2002

**CERTIFIED MAIL # 7000 1530 0005 5348 5226**

Mr. Dennis R. Wells, Corporate Secretary  
Nampa Paving and Asphalt Co.  
444 W. Karcher Road  
Nampa, ID 83687

RE: AIRS Facility No. 777-00065, Nampa Paving and Asphalt Co.  
(Portable Hot-mix Asphalt Plant, Modification of Permit to Construct)

Dear Mr. Wells:

The Department of Environmental Quality (Department) is issuing modified Permit to Construct No. 777-00065 to Nampa Paving and Asphalt for a portable facility currently located in Nampa in accordance with IDAPA 58.01.01.200, *Rules for the Control of Air Pollution in Idaho*. The enclosed permit is based on information contained in your application, received May 21, 2001.

This permit does not release Nampa Paving and Asphalt from compliance with all other applicable federal, state, or local laws, regulations, permits, and ordinances. Copies of the Portable Equipment Registration and Relocation Form and maps showing all nonattainment areas within Idaho are also enclosed. The form must be submitted to the Department at least 10 days prior to the relocation of any equipment covered by this permit.

Matt Stoll of the Boise Regional Office will contact you regarding a meeting with the Department to discuss the permit terms and requirements. In addition to your facility's plant manager, the Department recommends that the following representatives of your firm also attend this meeting: your responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

You, as well as any other entity, have the right to appeal this final agency action pursuant to IDAPA 58.01.23, *Rules of Administrative Procedure Before the Board of Environmental Quality*. A petition may be filed with the Hearings Coordinator, Department of Environmental Quality, 1410 N. Hilton, Boise, ID 83706-1255 within 35 days of the date of this decision. However, prior to filing a petition for a contested case, the Department encourages you to contact Dan Salgado at (208) 373-0431 to address any concerns you may have with the enclosed permit.

Sincerely,

*Marjorie Mertz Emerson*  
for

Katherine B. Kelly  
Administrator  
Air Quality Division

KK/KB/bh Project No. P-010008 G:\AIR PERMITS\PT C\NAMPA PAVING ASPHALT\FINAL\P-010008 LETTER.DOC

Enclosures

cc: Sherry Davis, Technical Services Laurie Kral, EPA Region 10  
Matt Stoll, Boise Regional Office



# Air Quality PERMIT TO CONSTRUCT

State of Idaho  
Department of Environmental Quality

PERMIT NO.: 777-00065

AQCR: CLASS: SM

SIC: 2951 ZONE:

UTM COORDINATE (km):

1. **PERMITTEE**  
Nampa Paving and Asphalt Co.

2. **PROJECT**  
Portable Hot-mix Asphalt Plant

3. <b>MAILING ADDRESS</b> 444 W. Karcher Road	<b>CITY</b> Nampa	<b>STATE ID</b>	<b>ZIP</b> 83687
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4. <b>FACILITY CONTACT</b> Dennis R. Wells	<b>TITLE</b> Corporate Secretary	<b>TELEPHONE</b> (208) 466-4051
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5. <b>RESPONSIBLE OFFICIAL</b> Charles W. Wood	<b>TITLE</b> President	<b>TELEPHONE</b> (208) 466-4051
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6. <b>EXACT PLANT LOCATION</b> Portable	<b>COUNTY</b> Varies
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7. **GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**  
Hot-mix Asphalt Production (Including Aggregate, Asphalt, and Concrete Production when Collocated)

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 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 the Idaho Department of Environmental Quality (Department) or its officers, agents, or employees, assumes 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 Department approval pursuant to the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.200, et seq.

*Marjorie Mary Emmons* for

KATHERINE B. KELLY, ADMINISTRATOR, AIR QUALITY DIVISION  
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: May 31, 2002

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00065**

**Permittee:** Nampa Paving and Asphalt Co.

**Location:** Portable

**Date Issued:** May 31, 2002

**1. STATEWIDE REQUIREMENTS**

The permittee shall comply with the conditions in Section 1 when the hot-mix asphalt (HMA) facility is operated anywhere (nonattainment, attainment, or unclassifiable areas) within the state of Idaho.

**1.1 EMISSION LIMITS**

**1.1.1 Asphalt Dryer Emission Limits**

Particulate matter (PM) emissions from the HMA dryer stack shall not exceed 0.04 grains per dry standard cubic foot (gr/dscf), nor shall particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM<sub>10</sub>), or carbon monoxide (CO) emissions exceed any corresponding emission rate limit listed in the appendix of this permit.

**1.1.2 Other Particulate Matter Emission Limits**

Gases from systems for screening, handling, storing, and weighing hot aggregate, which emanate from a stack, vent, or other functionally equivalent opening shall not contain PM emissions in excess of 0.04 gr/dscf.

**1.1.3 Opacity Limit**

Emissions emanating from any stack, vent, or other functionally equivalent opening, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required in IDAPA 58.01.01.625. Opacity shall be determined using the procedures contained in IDAPA 58.01.01.625.

**1.1.4 Fugitive Emissions Limits at Property Boundary**

Fugitive emissions shall not be observed leaving the property boundary for a period or periods aggregating more than three minutes in any 60-minute period. Visible emissions shall be determined by Method 22, 40 CFR Part 60, Appendix A, or a Department-approved alternative method.

**1.2 OPERATING REQUIREMENTS**

**1.2.1 Reasonable Control of Fugitive Emissions**

Where practicable, as is required in IDAPA 58.01.01.651, all reasonable precautions shall be taken to prevent PM from becoming airborne. In determining what is reasonable, considerations will be given to factors such as the proximity of particulate-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:

- Using water or chemicals for controlling dust when demolishing existing buildings or structures, performing construction operations, grading roads, or the clearing of lands
- Applying asphalt, oil, water or suitable chemicals to, or covering, dirt roads, material stockpiles, and other surfaces which can create dust

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00065**

**Permittee:** Nampa Paving and Asphalt Co.

**Location:** Portable

**Date Issued:** May 31, 2002

- Installing and using 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 open-bodied trucks transporting materials likely to give rise to airborne dusts
- Paving roadways and maintaining them in a clean condition
- Promptly removing earth or other stored material from streets

**1.2.2 Dryer Burner Fuel Limits**

The burner fuel shall only be either distilled No. 2 fuel oil, natural gas, propane, or used oil that meets the specifications in Permit Condition 1.2.6.

**1.2.3 Monitoring Equipment**

The permittee shall install, calibrate, maintain, and operate, in accordance with the manufacturer specifications, equipment to continuously measure the pressure differential across the air pollution control equipment and the scrubbing media flowrate to the air pollution control equipment. A scrubbing media flowrate monitor is required only if a wet scrubber is used to control some or all of the emissions from the HMA plant.

**1.2.4 Operations and Maintenance Manual Requirements**

Within 60 days after startup, the permittee shall have developed an Operations and Maintenance (O&M) manual for the air pollution control device describing procedures followed to comply with General Provision 2 and the air pollution control device requirements contained in this permit. The manual shall remain onsite at all times and shall be made available to Department representatives upon request.

**1.2.5 Pressure Drop Across Air Pollution Control Device**

The pressure drop across the air pollution control device shall be maintained within the manufacturer and O&M manual specifications. Documentation of both the manufacturer and O&M manual operating pressure drop specifications shall remain onsite at all times and shall be made available to Department representatives upon request.

**1.2.6 Used Oil Specifications**

The concentrations/parameters of contaminants in any used oil fuel shall not exceed the following levels, as defined in 40 CFR 279.11:

- Arsenic                    5 parts per million (ppm) by weight
- Cadmium                 2 ppm by weight
- Chromium                10 ppm by weight
- Lead                      100 ppm by weight
- Total halogens          1,000 ppm by weight

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00065**

**Permittee:** Nampa Paving and Asphalt Co.

**Location:** Portable

**Date Issued:** May 31, 2002

**1.2.7 Used Oil Sulfur Content**

The sulfur content of the used oil shall not exceed 0.66% by weight.

**1.2.8 Generator**

This permit does not allow the use of a generator with this source.

**1.3 MONITORING AND RECORDKEEPING REQUIREMENTS**

**1.3.1 Monitor Facility Throughput**

A compilation of the most recent two years of records shall be kept onsite and shall be made available to Department representatives upon request. The following parameters shall be monitored and recorded:

- Pressure drop across the air pollution control device once on a daily basis
- When a scrubber is utilized, the scrubbing media flow rate to the air pollution control device once on a daily basis
- HMA production in tons per day (T/day) and tons per consecutive 12-month period

**1.3.2 Reasonable Control Measures**

The permittee shall monitor and record, during operation, the periodic method(s) used to reasonably control fugitive dust emissions from this facility. The records shall include the type of control used (e.g., water, environmentally safe chemical dust suppressants, etc.), as well as the circumstances under which no controls are used. A compilation of the most recent two years of records shall be kept onsite and shall be made available to Department representatives upon request.

**1.3.3 40 CFR 670.93 Initial Performance Testing Requirements**

The permittee shall conduct a performance test on the HMA facility in accordance 40 CFR 60.93, IDAPA 58.01.01.157, and General Provision 6 of this permit. The performance test shall be conducted to demonstrate compliance with the applicable PM standards defined in 40 CFR 60.92. The performance test shall be conducted with used oil as the sole fuel source during the test.

**1.3.4 Opacity and Visible Emissions Testing**

The permittee shall conduct a visual determination of opacity from the HMA facility stack and a visual determination of emissions at the property boundary when burning used oil, in accordance with IDAPA 58.01.01.157 and General Provision 6 of this permit.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00065**

**Permittee:** Nampa Paving and Asphalt Co.

**Location:** Portable

**Date Issued:** May 31, 2002

**1.3.5 Used Oil Monitoring and Recordkeeping**

In accordance with 40 CFR 279.72 for on-specification used oil fuel, the permittee shall perform the following:

- **Analysis of Used Oil Fuel**

The permittee shall determine that all used oil burned for energy recovery meets the fuel specifications of 40 CFR 279.11 by either performing analyses or obtaining copies of analyses or other information from the generator, transporter, or supplier documenting that the used oil fuel meets the specifications.

- **Record Retention**

To demonstrate meeting the specifications for used oil fuel under 40 CFR 279.11, the permittee must keep copies of analyses for the used oil (or other information used to make the determination) for three years.

**1.3.6 Used Oil Sulfur Content Verification**

The permittee must verify the sulfur content of the used oil by performing the analyses or by obtaining copies of analyses or other information documenting that, for each shipment of used oil received, the used oil fuel meets the sulfur content specified in Permit Condition 1.2.7. The permittee must keep copies of the analyses of the used oil (or other information used to make the determination) for three years and provide the analyses to Department representatives upon request.

**1.4. REPORTING REQUIREMENTS**

**1.4.1 Performance Test Protocol**

Prior to conducting any emission test, the permittee is encouraged to submit in writing to the Department, at least 30 days in advance, a performance test protocol in accordance with IDAPA 58.01.01.157.01.a.

**1.4.2 Performance Test Report**

The permittee shall submit a written report of the performance test results to the Department within 30 days of test completion in accordance with IDAPA 58.01.01.157.04.

**1.4.3 Relocation**

All existing portable equipment shall be registered. At least 10 days prior to relocating any equipment covered by this permit, the permittee shall submit a complete Portable Equipment Registration and Relocation Form (form is available from the Department website at [http://www2.state.id.us/deq/air/equip\\_relocat.htm](http://www2.state.id.us/deq/air/equip_relocat.htm)) in accordance with IDAPA 58.01.01.500, as well as a scaled plot plan to the following:

PERF Processing Unit  
Idaho DEQ - Air Quality  
410 N. Hilton  
Boise, ID 83706-1255

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00065**

**Permittee:** Nampa Paving and Asphalt Co.

**Location:** Portable

**Date Issued:** May 31, 2002

**1.4.4** Certification of Documents

All documents, including, but not limited to, application forms for permits to construct, monitoring data, supporting information, requests for confidential treatment, testing reports, and compliance certifications submitted to the Department shall contain a certification by a responsible official in accordance with IDAPA 58.01.01.123. 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.

**2. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS WHEN NOT COLLOCATED**

The permittee shall comply with the requirements of Permit Condition 1 and the following permit conditions when the HMA facility is operated in any attainment or unclassifiable areas, and when not collocated, within the state of Idaho.

**2.1 OPERATING REQUIREMENTS**

**2.1.1** Facility Throughput Limits

The production rate of the HMA facility shall not exceed a maximum of 1,012,033 tons per year (T/yr) when located in any attainment or unclassifiable area, when burning used oil.

**2.1.2** Collocation Requirements

When the HMA facility is to be collocated with another portable HMA plant, rock-crushing plant, or concrete batch plant; compliance with the collocation requirements of Permit Condition 3 must be met.

**3. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS WHEN COLLOCATED**

**3.1** The permittee shall comply with the requirements of Permit Condition 1 and the following permit conditions when the HMA facility is to be collocated with another portable HMA plant, rock-crushing plant, or concrete batch plant within the state of Idaho. The HMA facility may only collocate with either one portable rock-crushing plant, one portable concrete batch plant, or one other portable HMA plant that has been permitted to specifically allow collocation. This HMA plant may also collocate with any rock crusher that is operating in accordance with all of the applicable provisions of a permit-by-rule (IDAPA 58.01.01.201)

**3.2** Facility Throughput Limits

The production rate of the HMA facility shall not exceed a maximum of 506,017 T/yr when collocated with another HMA plant, concrete batch plant, or rock-crushing plant.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00065**

**Permittee:** Nampa Paving and Asphalt Co.

**Location:** Portable

**Date Issued:** May 31, 2002

**4. NONATTAINMENT AREA REQUIREMENTS**

The permittee shall comply with the requirements of Permit Condition 1 and the following permit conditions when the HMA facility is operated in any PM<sub>10</sub> non-attainment areas or proposed PM<sub>10</sub> non-attainment areas within the state of Idaho.

**4.1 OPERATING REQUIREMENTS**

**4.1.1 Facility Throughput Limits**

The production rate of the HMA facility shall not exceed a maximum of 7,345 T/day. In addition, the production rate of the HMA facility shall not exceed a maximum of 1,012,033 T/yr when located in any PM<sub>10</sub> non-attainment area or proposed PM<sub>10</sub> non-attainment area.

**5. APPENDIX**

**PORTABLE HMA FACILITY  
EMISSION LIMITS<sup>a</sup>**

<b>Source Description</b>	<b>PM<sub>10</sub></b>	<b>CO</b>
Dryer stack outlet	9.5 lb/hr <sup>b</sup>	99 T/yr

<sup>a</sup> As determined by a pollutant-specific EPA reference method, Department-approved alternative, or as determined by the Department's emission estimation methods used in the permit application analysis.

<sup>b</sup> pounds per hour

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00065**

**Permittee:** Nampa Paving and Asphalt Co.

**Location:** Portable

**Date Issued:** May 31, 2002

## 6. PERMIT TO CONSTRUCT GENERAL PROVISIONS

1. 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 emission 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:
  - 3.1. To enter at reasonable times upon the premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
  - 3.2. 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 emission 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 the Department, in writing, of the required information for the following events within five 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 emission testing is specified, the permittee must schedule such testing within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup. Such testing must **strictly** adhere to the procedures outlined in IDAPA 58.01.01.157 and shall not be conducted on weekends or state holidays without prior written the Department approval. Testing procedures and specific time limitations may be modified by the Department by prior negotiation if conditions warrant adjustment. The Department shall be notified at least 15 days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to the Department upon request.

The maximum allowable operating rate shall be limited to 120% of the average operating rate attained during any performance test period, for which a test protocol has been granted prior approval by the Department, unless (1) the test demonstrates noncompliance, (2) a more restrictive operating limit is specified elsewhere in this permit, or (3) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.
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.