



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

TO: Interested Parties / Applicant
DATE: June 16, 2005
RE: Dave O'Mara Contractor, Inc. / 055-21277-05211
FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 1/10/05



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

June 16, 2005

Amy Boswell
Dave O'Mara Contractor, Inc.
1100 O & M Avenue - P.O. Box 1139
North Vernon, Indiana 47265

Re: 055-21277-05211
First Administrative Amendment to
FESOP 137-11923-05211

Dear Amy Boswell:

Dave O'Mara Contractor, Inc. was issued a Federally Enforceable State Operating Permit (FESOP) on June 29, 2000 for a portable hot asphalt drum mix plant. A letter requesting a change to the permit was received on May 16, 2005. The source plans to add two (2) additional cold feed bins and one (1) additional 10,000 gallon No. 2 fuel oil tank. The additional two (2) cold feed bins will not result in an increase in the raw material throughput (currently 225 tons per year) for the asphalt plant and, therefore, will not result in an increase in potential emissions (i.e., emissions from conveying and handling are based on 225 tons per year throughput). Using the Environmental Protection Agency's (EPA) TANKS Version 4.09b program, it was determined that the additional 10,000 gallon No. 2 fuel oil tank will have negligible potential emissions of volatile organic compounds (VOCs) and hazardous air pollutants (HAPs). The addition of these units is considered a change by administrative amendment, since the potential emissions of regulated criteria pollutants and hazardous air pollutants are less than the ranges specified 326 IAC 2-8-10(d)(4) and 326 IAC 2-8-10(d)(5), respectively. The addition of the storage bins will not cause the source's potential to emit to be greater than the threshold levels specified in 326 IAC 2-2 or 326 IAC 2-3.

Upon further review of the permit, OAQ determined that the following additional changes to the permit were necessary:

- (a) The storage vessels included in Section D.2 of the permit are no longer subject to the requirements of 40 CFR Part 60, Subpart Kb (60.110b - 60.117b), Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. Pursuant to 326 IAC 12 and 326 IAC 1-1-3, storage tanks which store organic liquids must be reviewed pursuant to the July 1, 2004 version of 40 CFR Part 60, Subpart Kb. The requirements of 40 CFR 60, Subpart Kb are not applicable to the one (1) 15,000 gallon No. 4 fuel oil storage tank and the one (1) 10,000 gallon No. 2 fuel oil storage tank, because each of the tanks has a storage capacity less than seventy-five (75) cubic meters (m³) (19,813 gallons). The requirements of 40 CFR 60, Subpart Kb are not applicable to the two (2) 25,000 gallon asphalt storage tanks, because the tanks, which each have a storage capacity greater than or equal to seventy-five (75) m³ (19,813 gallons), but less than one hundred fifty-one (151) m³ (39,890 gallons), do not store a liquid with a maximum true vapor pressure greater than or equal to 15.0 kPa (112.5 millimeters of mercury (mmHg)). Therefore, the requirements and conditions of Section D.2 are not applicable to the source and the permit has been revised accordingly. This change is considered a change by administrative amendment pursuant to 326 IAC 2-8-10(a)(5).
- (b) Item b of the Facility Description in Section D.1 was previously added to the permit in error. Therefore, item b has been deleted from the Facility Description in Section D.1. This change is considered a change by administrative amendment pursuant to 326 IAC 2-8-10(a)(1).

Pursuant to the provisions of 326 IAC 2-8-10, the permit is hereby administratively amended as follows with deleted language as ~~strikeouts~~ and new language **bolded**:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This portable source consists of the following emission units and pollution control devices:

- (e) **one (1) 10,000 gallon No. 2 fuel oil storage tank.**

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This portable source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (d) Other categories with emissions below insignificant thresholds:
(1) **six ~~four~~ (64)** compartment cold feed bins with feeders and collection conveyors;

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (a) one (1) hot asphalt drum mix dryer, with a maximum capacity of 225 tons per hour of raw material, equipped with one (1) 60 million British thermal units (MMBtu) per hour #2 fuel oil fired burner using natural gas or No.4 fuel oil as a backup fuel, equipped with one (1) pulse jet baghouse for particulate matter control, exhausting through one (1) stack, identified as stack #2.
- (b) ~~one (1) hot asphalt drum mix dryer, with a maximum capacity of 225 tons per hour of raw material, equipped with one (1) 60 million British thermal units (MMBtu) per hour No.2 fuel oil fired burner using natural gas or No.4 fuel oil as a backup fuel, equipped with one (1) pulse jet baghouse for particulate matter control, exhausting through one (1) stack, identified as stack #4.~~

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

SECTION D.2 FACILITY OPERATION CONDITIONS

Section D.2 was deleted pursuant to Administrative Amendment 055-21277-05211.

Facility Description [326 IAC 2-8-4(10)]:

- (b) ~~two (2) 25,000 gallon asphalt storage tanks~~
(d) ~~one (1) 15,000 gallon No. 4 fuel oil storage tank~~

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

~~D.2.1 Volatile Organic Compounds (VOCs) [326 IAC 12] [40 CFR 60.110b, Subpart Kb]~~

~~Pursuant to 40 CFR Part 60.110b, Subpart Kb (Standards of Performance for Volatile Organic Liquid Storage Vessels), the owner or operator shall, for the two (2) 25,000 gallon asphalt cement storage tanks and one (1) 15,000 gallon No. 4 fuel oil storage tank, keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.~~

~~D.2.2 Preventive Maintenance Plan [326 IAC 2-8-4(9)]~~

~~A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and any control devices.~~

Compliance Determination Requirements

~~D.2.3 Testing Requirements [326 IAC 2-8-5(a)(1), (4)][326 IAC 2-1.1-11]~~

~~The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the VOC limit specified in Condition D.2.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.~~

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

~~D.2.4 Record Keeping Requirements~~

~~(a) To document compliance with Condition D.2.1, the Permittee shall maintain records of the information required in Condition D.2.1.~~

~~(b) Said records shall be kept for the life of the tanks.~~

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Nathan C. Bell, 100 North Senate Avenue, Indianapolis, Indiana, 46204, at 317-234-3350 or at 1-800-451-6027 (ext 43350).

Sincerely,

Original signed by

Nysa L. James, Section Chief
Permits Branch
Office of Air Quality

ncb

Attachment: revised permit pages

cc: File - Greene County
U.S. EPA, Region V
Greene County Health Department
Air Compliance Section Inspector - Jim Thorpe
Compliance Data Section
Administrative and Development



Mitchell E. Daniels, Jr.
 Governor

Thomas W. Easterly
 Commissioner

100 North Senate Avenue
 Indianapolis, Indiana 46204
 (317) 232-8603
 (800) 451-6027
 www.IN.gov/idem

**NEW SOURCE CONSTRUCTION
 and FEDERALLY ENFORCEABLE STATE
 OPERATING PERMIT (FESOP)
 OFFICE OF AIR QUALITY**

Dave O'Mara Contractor, Inc.

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No. F137-11923-05211	
Issued by: Original signed by Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: June 29, 2000 Expiration Date: June 29, 2005
First Reopening No. 047-13105-05211, issued on September 21, 2001 First Minor Permit Revision No. 055-18675-05211, issued on May 27, 2004 First Significant Permit Revision No. 055-19293-05211, issued on September 23, 2004	
First Administrative Amendment No. 055-21277-05211	Pages Affected: 5, 6, 26, 31
Issued by: Original signed by Nysa L. James, Section Chief Office of Air Quality	Issuance Date: June 16, 2005

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a portable drum mix asphalt plant.

Authorized individual: Dave O'Mara
Initial Source Address: 606 W. County Road 300 South, Versailles, Indiana 47042
Mailing Address: P.O. Box 423, North Vernon, Indiana 47265
Phone Number: 812-346-4135
SIC Code: 2951
Initial County Location: Ripley
County Status: Attainment for all criteria pollutants
Source Status: Federally Enforceable State Operating Permit (FESOP)
Minor Source, under PSD or Emission Offset Rules;
Minor Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This portable source consists of the following emission units and pollution control devices:

- (a) one (1) hot asphalt drum mix dryer, with a maximum capacity of 225 tons per hour of raw material, equipped with one (1) 60 million British thermal units (MMBtu) per hour #2 fuel oil fired burner using natural gas or No.4 fuel as a backup fuel, equipped with one (1) pulse jet baghouse for particulate matter control, exhausting through one (1) stack, identified as stack #2;
- (b) two (2) 25,000 gallon asphalt storage tanks;
- (c) one (1) 1125 horsepower (hp) diesel generator; and
- (d) one (1) 15,000 gallon No. 4 fuel oil storage tank.
- (e) one (1) 10,000 gallon No. 2 fuel oil storage tank.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This portable source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) Fuel oil-fired combustion sources with heat input equal to or less than two million (2,000,000) Btu per hour and firing fuel containing less than five-tenths (0.5) percent sulfur by weight:
 - (1) one (1) No. 2 distillate fuel oil fired hot oil heater, with a maximum rated capacity of 0.2 million British thermal units per hour.
- (b) Combustion source flame safety purging on startup.
- (c) Paved and unpaved roads and parking lots with public access.
- (d) Other categories with emissions below insignificant thresholds:

- (1) six (6) compartment cold feed bins with feeders and collection conveyors;
 - (2) one (1) 24" charging conveyer and one (1) 4'x 10' scalping screen;
 - (3) one (1) mineral filler silo; and
 - (4) one (1) bucket elevator to transfer product from the asphalt dryer to storage silo.
- (e) one (1) 1.00 MMBtu/hr No. 2 fuel oil or natural gas hot oil heater; and
- (f) two (2) 100 ton Barber Green asphalt storage silos.

A.4 FESOP Applicability [326 IAC 2-8-2]

This portable source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM) for a Federally Enforceable State Operating Permit (FESOP).

A.5 Prior Permit Conditions

- (a) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits.
- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAM, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (a) one (1) hot asphalt drum mix dryer, with a maximum capacity of 225 tons per hour of raw material, equipped with one (1) 60 million British thermal units (MMBtu) per hour #2 fuel oil fired burner using natural gas or No.4 fuel oil as a backup fuel, equipped with one (1) pulse jet baghouse for particulate matter control, exhausting through one (1) stack, identified as stack #2.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.1.1 Particulate Matter (PM) [326 IAC 6-1-2] [326 IAC 12] [40 CFR 60.90, Subpart I]

- (a) Pursuant to 326 IAC 6-1-2 (Particulate Emissions Limitations), the particulate matter emissions from the mixing and drying operation shall be limited to 0.03 grains per dry standard cubic foot (gr/dscf). This is equivalent to a particulate matter emission rate of 6.31 pounds per hour. This limit will also render 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and 326 IAC 2-3 (Emission Offset) not applicable.
- (b) Pursuant to 326 IAC 12, (40 CFR Part 60.90, Subpart I) "Standards of Performance for Hot Mix Asphalt Facilities", the particulate matter emissions from the mixing and drying operations shall be limited to 0.04 grains per dry standard cubic foot (gr/dscf). This is equivalent to a particulate matter emission rate of 8.42 pounds per hour.

Compliance with the PM emission limit pursuant to 326 IAC 6-1-2 will also satisfy the PM emission limit pursuant to 326 IAC 12, 40 CFR Part 60.90, Subpart I.

D.1.2 Opacity [326 IAC 12] [40 CFR 60.90, Subpart I]

Pursuant to 326 IAC 12, (40 CFR Part 60.92, Subpart I) "Standards of Performance for Hot Mix Asphalt Facilities", the mixing and drying operations shall not discharge or cause the discharge into the atmosphere any gases which exhibit 20% opacity or greater.

D.1.3 Particulate Matter 10 Microns (PM-10) [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4, particulate matter 10 microns emissions from the aggregate mixing and drying operation shall not exceed 15.03 pounds per hour, including both filterable and condensable fractions. Compliance with this limit will satisfy 326 IAC 2-8-4. Therefore, the Part 70 rules (326 IAC 2-7) do not apply.

D.1.4 Sulfur Dioxide (SO₂) [326 IAC 7-1.1]

Pursuant to 326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations), sulfur dioxide emissions from the 60.0 million Btu per hour burner for the aggregate dryer shall be limited to 0.5 pounds per million Btu heat input or a sulfur content of less than or equal to 0.5% when using No. 2 distillate oil.

SECTION D.2

FACILITY OPERATION CONDITIONS

Section D.2 was deleted pursuant to Administrative Amendment 055-21277-05211.