



Florida Department of Environmental Protection

Southeast District Office
400 N. Congress Avenue, Suite 200
West Palm Beach, FL 33401
561-681-6600

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Sent by Electronic Mail – Received Receipt Requested
ldale@dfifl.com

Mr. Larry T. Dale, President
Dickerson Aggregates, Inc.
PO Box 910
Ft. Pierce, FL 34954-0910

Subject: Air Operation Permit Modification

Dear Mr. Dale:

Enclosed is Permit 1110010-010-AO, to operate an air pollution source, issued pursuant to Chapter 403.087 of the Florida Statutes (F.S.) and Chapters 62-4, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code.

A person whose substantial interests are affected by the Department's permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this final permit. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this final permit. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available for this action.

Any party to this Order (Permit) has the right to seek judicial review pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure with the Department at the address listed below and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Order (Permit) is filed with the Clerk of the Department.

Sincerely

Jill S. Creech, P.E.
Southeast District Director

Date



Florida Department of Environmental Protection

Southeast District Office
400 N. Congress Avenue, Suite 200
West Palm Beach, FL 33401
561-681-6600

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

AIR POLLUTION OPERATION PERMIT MODIFICATION

Sent by Electronic Mail – Received Receipt Requested

ldale@dfifl.com

ISSUED TO:

Dickerson Aggregates, Inc.
PO Box 910
Ft. Pierce, FL 34954-0910

ARMS No.: 1110010
Permit No.: 1110010-010-AO
Issued:
Expires: September 21, 2015
Renewal Application Due Date: July 23, 2015

Authorized Representative:

Mr. Larry Dale, President

Located At: 3778 Selvitz Road, Ft. Pierce, St. Lucie County, FL 34981

PROJECT DESCRIPTION: Operation Permit Modification

SIC: 2951 Continuous Mix Asphalt Plant

UTM/ Lat.-Long: Zone 17; 562.24 Km. E; 3030.36 Km. N / 27°23'48" N / 80°21'51" W

STATEMENT OF BASIS:

The Department of Environmental Protection Southeast District Office issues this permit under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297, and in conformance with all existing regulations of the Florida Department of Environmental Protection. The above named owner or operator is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department, in accordance with the terms and conditions of this permit.

SECTION I -- SUMMARY INFORMATION

PERMIT HISTORY:

- Permit No. AC-64-2107 issued July 17, 1974
- Permit No. AC-56-4590 issued June 2, 1978
- Department Authorization issued April 15, 1986.
- Permit No. AC-56-189876 issued February 13, 1991
- Permit No. AC-56-254909 issued September 14, 1994
- Permit No. AO-56-273797 issued August 9, 1995
- Permit No. AC-56-254909A issued February 21, 1996
- Permit No. 1110010-001-AO issued February 21, 1996
- Permit No. 1110010-002-AC and 003-AO issued March 31, 1999
- Permit No. 1110010-004-AC issued September 23, 1999
- Permit No. 1110010-005-AO issued August 15, 2000
- Permit No. 1110010-006-AO issued September 26, 2005
- Permit No. 1110010-007-AC issued March 10, 2008
- Permit No. 1110010-008-AO Revision issued January 23, 2009
- Permit No. 1110010-009-AO issued September 22, 2010

PERMIT CONTENT

- Section I: Summary Information
- Section II: Facility-Wide Specific Conditions
- Section III: Emissions Unit Specific Conditions
- *Section IV:* Appendices
 - APPENDIX A:* General Permit Conditions
 - APPENDIX B:* Terminology
 - APPENDIX C:* On-Specification Used Oil Requirements
 - APPENDIX D:* Definitions (40 CFR part 60, subpart I)

REGULATORY CLASSIFICATION

Title III	The facility is not a major source of hazardous air pollutants (HAP)
Title IV	The facility does not operate any units subject to the acid rain program
Title V	The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
PSD	The Facility is not a PSD major source in accordance with Rule 62-212.400, F.A.C.
RACT	The facility is not subject to any RACT requirements
NSPS	The facility is subject to the requirements of 40 CFR 60 subparts "I" and "OOO"
NESHAP	The facility is not subject to any requirements of 40 CFR Parts 61 & 63

EMISSIONS UNITS SUMMARY

Emissions Unit No.	Emissions Unit Description
003	275 tons per hour Continuous Hot Mix Asphalt Plant
011	250 ton per hour Recycle Asphalt Pavement (RAP) Crushing System

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

Conditions in this part generally apply to all emission units and activities covered under this permit.

1.0 Administrative Requirements

- 1.1 Regulating Agencies: All applications, tests, reports, notifications, or other submittals required by this permit shall be submitted to the Florida Department of Environmental Protection, Southeast District Office, Air Program at 400 North Congress Ave, Suite 200, West Palm Beach, Florida, 33401-2913.
- 1.2 Citation Format: In this permit, references to F.A.C. Rule 62-xxx refer to rules promulgated under Title 62 of the Florida Administrative Code; references (if any) to 40 CFR 60.xx (or 61.xx or 63.xx) refer to regulations codified under Part 60 (or 61 or 63) of Title 40 of the Code of Federal Regulations.
- 1.3 General Permit Conditions: The owner or operator shall be subject to the specific conditions of this permit and the owner or operator shall be aware of, and operate under, the attached General Conditions, attached as Appendix A of this permit. General Conditions are binding and enforceable pursuant to Chapter 403, F.S.
[Rule 62-4.160, F.A.C.]
- 1.4 Applicable Regulations: This facility is subject to regulation of Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297, and 40 CFR 60, subpart I. Issuance of this permit does not relieve the facility owner or operator from compliance with any other applicable federal, state or local permitting requirements or other regulations.
- 1.5 Other Permits: This air pollution permit does not preclude the owner or operator from obtaining any other types of required permits, licenses or certifications from this Department or other departments or agencies.
- 1.6 Renewal of This Permit Required: An application for renewal of this operation permit must be submitted to the Department of Environmental Protection, Southeast District Office, Air Program at least 60 days prior to the expiration date of this permit. To apply for an operation permit, the applicant shall submit the appropriate application form in quadruplicate, the appropriate application fee, all required compliance test results, and such additional information as the Department may by law require.
[Rules 62-4.030, 62-4.050, and 62-4.220, F.A.C.]

2.0 Emission Limiting and Performance Standards

- 2.1 Objectionable Odor Prohibited: No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.]
- 2.2 General Visible Emissions Standard: Unless otherwise specified by permit or rule, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than 20 percent opacity.
[Rule 62-296.320(4)(b), F.A.C.]
- 2.3 Volatile Organic Compounds/Organic Solvents Emissions: No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

Such controls include the following:

- a. Tightly cover or close all VOC containers when they are not in use.
- b. Tightly cover all open tanks that contain VOCs when they are not in use.
- c. Maintain all pipes, valves, fittings, etc., which handle VOCs in good operating condition.

- d. Confine rags used with VOCs to tightly-closed, fire-proof containers when not in use.
- e. Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

[Rule 62-296.320(1), F.A.C.]

- 2.4 Unconfined Emissions of Particulate Matter: No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions.

Reasonable precautions include the following:

Paving and maintenance of roads, parking areas and yards.

- a. Application of water or dust suppressants to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- b. Application of asphalt, water, or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
- c. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- d. Landscaping or planting of vegetation.
- e. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- f. Confining abrasive blasting where possible.
- g. Enclosure or covering of conveyor systems.
- h. Substitution of powdery materials with granular or pelletized materials, where possible.

[Rule 62-296.320(4)(c), F.A.C.]

3.0 Operation and Maintenance Requirements

- 3.1 Circumvention: No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.

[Rule 62-210.650, F.A.C.]

- 3.2 Plant Operations: If the owner or operator is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard or fire, wind or by other cause, the owner or operator shall immediately notify the Department. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the owner or operator from any liability for failure to comply with Department rules.

[Rule 62-4.130, F.A.C.]

- 3.3 Excess Emissions Requirements Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.

[Rule 62-210.700(1), F.A.C.]

- b) Excess emissions, which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure, which may reasonably be prevented during start-up, shutdown, or malfunction, are prohibited.

[Rule 62-210.700(4), F.A.C.]

- c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify the Southeast District Office Air Program within one working day of the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence.
[Rule 62-210.700(6), F.A.C.]

4.0 Compliance Monitoring Requirements

- 4.1 Test Notification: Unless otherwise specified in this permit, the Department of Environmental Protection, Southeast District Office, Air Program shall be notified in writing of expected compliance test dates at least fifteen (15) days prior to compliance testing. The notification shall include the following information: the date, time, and location of each test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner.
[Rule 62-297.310(7)(a), F.A.C.]
- 4.2 Operational Rate During Testing: Compliance testing shall be conducted with the emission units operating at the permitted capacity (90 to 100% of the maximum permitted operation rate of the emission units). If an emissions unit is not tested at permitted capacity, the emission unit shall not be operated above 110% of the test load until a new test showing compliance is conducted. Operation of the emissions unit above 110% of the test load is allowed for no more than 15 days for the purpose of conducting additional compliance testing to regain the authority to operate at the permitted capacity.
[Rule 62-297.310(2), F.A.C.]
- 4.3 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard in Rules 62-204 through 62-297 or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.
[Rule 62-297.310(7)(b), F.A.C.]

5.0 Report and Recordkeeping Requirements

- 5.1 Report Excess Emissions: In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. (condition 5.2 below). A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.
[Rule 62-210.700(6), F.A.C.]
- 5.2 Retain Records: All records required by this permit shall be kept by the owner or operator and made available for Department inspection for a minimum of five (5) years from the date of such records.
[Rule 62-4.070(3), F.A.C.]
- 5.3 Compliance Test Reports: Compliance test reports shall be submitted to the Department of Environmental Protection, Southeast District Office, Air Compliance Section, as soon as practical, but no later than 45 days after the last sampling run of each test is completed.
Test reports shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed.

Test reports, other than for an EPA or DEP Method 9 test, shall include the following information and other information as necessary to make a complete report required pursuant to Rule 297.310(8)(c), F.A.C.:

- a. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
- b. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
- c. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
- d. All measured and calculated data required to be determined by each applicable test procedure for each run.
- e. The detailed calculations for one run that relate the collected data to the calculated emission rate.
- f. The applicable emission standard and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.

[Rules 62-297.310(8)(a) & (b), F.A.C.]

- 5.4 On or before April 1 of each calendar year, a completed DEP Form 62-210.900(5), Annual Operating Report (AOR) Form for Air Pollutant Emitting Facility, shall be submitted to the Department of Environmental Protection, Southeast District Office, Air Program. If the report is submitted using the Department's electronic annual operating report software, there is no requirement to submit a hard copy to the Department. Included with this report shall be additional reports, if any, required in Section III Emission Unit Specific Conditions.
[Rule 62-210.370(3)(c), F.A.C.]

PART III A. -- EMISSION UNIT SPECIFIC CONDITIONS

This part of this permit addresses the following emission unit:

Emissions Unit Number	Emissions Unit Description
003	275 tons per hour Continuous Hot Mix Asphalt Plant

Emission Limiting and Performance Standards

- A.1. Visible Emissions: The permittee shall not discharge or cause the discharge into the atmosphere any gases which exhibit equal or greater than 20 percent opacity.
[Rule 62-210.300(c)2.f., F.A.C. and 40 CFR 60.92(2)]
- A.2. Particulate Emissions: The permittee shall not discharge or cause the discharge into the atmosphere from any affected facility any gases which contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf) averaged over a three hours period.
[Rule 62-204.800(8)(b)12., F.A.C. and 40 CFR 60.92(1)]
- A.3. Sulfur Dioxide Emissions: The permittee shall not allow the discharge of sulfur dioxide to exceed 83.4 tons in any consecutive 12-month period.
[Permit No. 1110010-004-AC]
- A.4. Asphalt Production Cap: The permittee shall not produce more than 500,000 tons of asphaltic concrete in any consecutive 12-month period.
[Rule 62-210.300(3)(c)2.a., F.A.C. and Permit No. 1110010-004-AC]
- A.5. Fuel Consumption Limits: Fuel consumption shall not exceed 1.2 million gallons in any consecutive twelve-month period. Natural gas consumption shall not exceed 468 million cubic feet in any consecutive twelve-month period. If burning more than one type of fuel, the equivalent collective annual amount of each fuel shall not exceed the maximum annual amount of each fuel type, multiplied by a fuel percentage.
[Rule 62-210.300(3)(c)2.b., F.A.C., Permit No. 1110010-004-AC, and application 1110010-010-AO]
- A.6. Allowable Fuels: Fuel burned shall be limited to numbers 2 through 6 fuel oil with maximum sulfur content not to exceed 1.0 percent by weight, on-specification used fuel oil and natural gas.
[Rule 62-210.300(3)(c)2.c., F.A.C., Permit No. 1110010-004-AC & Requested by Applicant]

{Permit Note: On specification used oil is subject to the conditions listed in Appendix C of this permit}
- A.7. Hours of Operation: The permittee is authorized to operate the emissions unit continuously (8760 hours per year).
[Permit No. 1110010-004-AC]

Compliance Monitoring and Testing Requirements

- A.8. Visible Emissions Testing: The permittee shall test the referenced emissions unit for visible emissions by EPA Method 9. The observation period for the visible emissions tests shall be thirty minutes in duration. The visible emissions test shall be performed during one run of the particulate test that is required in specific condition A.9.
[Rules 62-297.310(4)(a)2, and 62-297.401, F.A.C. and 40 CFR 60.93(b)(2)]

- A.9. Particulate Matter Testing: The permittee shall test the referenced emissions unit for particulate emissions by EPA Method 5 except that the sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).
[Rule 62-297.401, F.A.C. and 40 CFR 60.93(b)(1)]
- A.10. Test Frequency: The permittee shall conduct such visible emissions and particulate matter testing as required in this permit annually during each federal fiscal year (October 1 through September 30).
[Rule 62-210.300(3)(c)2.i, F.A.C.]
- A.11. Fuel Oil Sulfur Content: The sulfur content of each oil fuel fired at the facility shall be determined by ASTM methods ASTM D45057-88, ASTM-129-91, ASTM D2622-94 or ASTM D4294-90, (or latest versions) adopted and incorporated in Rule 62-297.440(1), F.A.C.
[Permit No. 1110010-004-AC]
- A.12. Test Conditions: The permittee shall conduct compliance testing while burning on-specification used oil if such oils were fired for a total of more than 400 hours in the previous 12-month period. The test can be conducted with fuel oil if the combination of fuel oil and on-specification used oil is more than 400 hours, but on-specification used oil portion is less than 400 hours in the previous 12-month period. A compliance test is still required if liquid fuel is used less than 400 hours in the previous 12-month period. However, the test can be conducted using natural gas.
[Rule 62-4.070(3), F.A.C.]

Reporting and Recordkeeping Requirements

- A.13. Monthly Records: The permittee shall maintain the following monthly records:
a) Month and Year of the record;
b) Asphalt Production – Month and 12-Month Rolling Total;
c) Fuel Usage by fuel type – Month and 12-Month Rolling Total;
d) Natural Gas Usage – Million cubic feet consumed;
e) Hours of Operation by fuel type; and
f) Sulfur Dioxide Mass Balance Calculations – Month and 12-Month Rolling Total.
[Rule 62-4.070(3), F.A.C.]
- A.14. Daily Records: The permittee shall maintain the following daily records:
a) Day, Month, and Year of the record;
b) Hours of Operation (by Fuel Type);
c) Asphalt Production (tons); and
d) Fuel Oil Usage (gallons) and Type.
e) Total gallons of fuel oil or cubic feet of natural gas consume.
[Rule 62-4.070(3), F.A.C.]
- A.15. Fuel Oil Certifications: The permittee shall maintain copies of all fuel oil certifications for fuel oil purchases documenting the fuel oil sulfur content.
[Rule 62-4.070(3), F.A.C.]

SECTION III. B EMISSION UNIT SPECIFIC CONDITIONS

This part of this permit addresses the following emission units:

Emissions Unit Number	Emissions Unit Description
011	250 ton per hour Recycle Asphalt Pavement (RAP) Crushing System. The RAP crushing system is owned by different companies under the authority of an air general permit for a relocatable nonmetallic mineral processing plant, brought to Dickerson Plant site from time to time to crush the RAP into smaller sizes that can be used in the manufacture of new hot mix asphalt. Pursuant to Rule 62-210.310(5)(e)5., F.A.C, this activity is authorized by permit No. 1110010-007-AC.

{IMPORTANT REGULATORY CLASSIFICATIONS – Emissions Unit 002 is regulated under 40 CFR 60, subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants, adopted and incorporated by reference in Rule 62-204.800, F.A.C.}

OPERATIONAL RESTRICTIONS

B.1 Operation: No relocatable nonmetallic mineral processing plant shall be operated at this asphalt plant site without having its own current Florida Air General Permit.

[Rule 62-4.070(3), F.A.C.]

B.2 Hours of Operation: The permittee is authorized to operate the emissions unit 2,000 hours per year.

[Requested by applicant in application No. 1110010-009-AO]

B.3 Operational Requirements: The relocatable nonmetallic mineral processing plant operating at this facility is subject to all the terms and conditions of its current Florida Air General Permit.

[Rule 62-210.310(5)(e), F.A.C.]

B.4 General Permit Compliance Tests: The owner or operator of the nonmetallic mineral processing plant shall test the mineral processing plant in accordance with its current Florida Air General Permit requirements.

[Rule 62-4.070(3), F.A.C.]

B.5 Notification: The owner or operator of the nonmetallic mineral processing plant shall provide to Dickerson Aggregates, Inc., verification that the initial performance tests for particulate matter (PM) and the annual visible emissions (VE) have been met according to the requirements of the nonmetallic mineral processing plant General Permit.

[Rule 62-4.070(3), F.A.C.]

Executed in West Palm Beach, Florida
Department of Environmental Protection

Jill S. Creech, P.E.
Southeast District Director

Date

JC/LH/md

CERTIFICATE OF SERVICE

The undersigned duly designated agency clerk hereby certifies that the Notice of Permit and the Final Permit were sent by electronic mail (with received receipt) before the close of business on _____ to the permittee.

Mr. Larry T. Dale, President: ldale@dfifl.com

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of these documents were sent by electronic mail (with received receipt) on the same date to the following persons:

Mr. Alan Zahm, P.E.: alanzahm@embarqmail.com

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

(Clerk)

(Date)

APPENDIX - A

GENERAL PERMIT CONDITIONS Pursuant Rule 62-4.160, (F.A.C.):

- A.1 The terms, conditions, requirements, limitations and restrictions set forth in this permit, are “permit conditions” and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.) The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- A.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- A.3 As provided in subsections 403.987(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
- A.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- A.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- A.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- A.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
- a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
- A.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.
- The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

APPENDIX – A (CONTINUED)

- A.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- A.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
- A.11 This permit is transferable only upon Department approval in accordance with Rules 62-4. 120 and 62-730. 300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- A.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- A.13 This permit also constitutes:
- Determination of Best Available Control Technology
 - Determination of Prevention of Significant Deterioration
 - Compliance with New Source Performance Standards, and
 - Compliance with the National Emission Standards for Hazardous Air Pollutants
- A.14 The permittee shall comply with the following:
- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 - (1) The date, exact place, and time of sampling or measurements;
 - (2) The person responsible for performing the sampling or measurements;
 - (3) The date analyses were performed;
 - (4) The person responsible for performing the analyses;
 - (5) The analytical techniques or methods used;
 - (6) The results of such analyses.
- A.15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Appendix B Terminology

Abbreviations and Acronyms:

°F: Degrees Fahrenheit
BACT: Best Available Control Technology
CFR: Code of Federal Regulations
DEP: State of Florida, Department of Environmental Protection
DARM: Division of Air Resource Management
EPA: United States Environmental Protection Agency
F.A.C.: Florida Administrative Code
F.S.: Florida Statute
ISO: International Standards Organization
LAT: Latitude
LONG: Longitude
MMBtu: million British thermal units
MW: Megawatt
ORIS: Office of Regulatory Information Systems
SOA: Specific Operating Agreement
UTM: Universal Transverse Mercator

Citations:

The following examples illustrate the methods used in this permit to abbreviate and cite the references of rules, regulations, guidance memorandums, permit numbers, and ID numbers.

Code of Federal Regulations:

Example: [40 CFR 60.334]

Where:	40	reference to	Title 40
	CFR	reference to	Code of Federal Regulations
	60	reference to	Part 60
	60.334	reference to	Regulation 60.334

Florida Administrative Code (F.A.C.) Rules:

Example: [Rule 62-213, F.A.C.]

Where:	62	reference to	Title 62
	62-213	reference to	Chapter 62-213
	62-213.205	reference to	Rule 62-213.205, F.A.C.

ISO: International Standards Organization refers to those conditions at 288 degrees K, 60 percent relative humidity, and 101.3 kilopascals pressure.

Appendix B Terminology (Continued)

Identification Numbers:

Facility Identification (ID) Number:

Example: Facility ID No.: 1050221

Where:

105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by state database.

Permit Numbers:

Example: 1050221-002-AV, or
1050221-001-AC

Where:

AC = Air Construction Permit
AV = Air Operation Permit (Title V Source)
105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by permit tracking database
001 or 002 = 3-digit sequential project number assigned by permit tracking database

Example: PSD-FL-185
PA95-01
AC53-208321

Where:

PSD = Prevention of Significant Deterioration Permit
PA = Power Plant Siting Act Permit
AC = old Air Construction Permit numbering

APPENDIX-C
ON-SPECIFICATION USED OIL REQUIREMENTS

1. On-specification Used Oil Allowed as Fuel: This permit allows the burning of used oil fuel meeting EPA “on-specification” used oil specifications, with a maximum sulfur content of 1 percent by weight, and a PCB concentration of no greater than 49 ppm. On-specification used oil shall meet the following specifications: [40 CFR 279, Subpart B.]
 - (i) Arsenic shall not exceed 5.0 ppm;
 - (ii) Cadmium shall not exceed 2.0 ppm;
 - (iii) Chromium shall not exceed 10.0 ppm;
 - (iv) Lead shall not exceed 100.0 ppm;
 - (v) Total halogens shall not exceed 1000 ppm;
 - (vi) Flash point shall not be less than 100 degrees F.
 - (vii) Used oil that does not meet the specifications for on-specification used oil shall not be burned at this facility.

2. Used Oil Containing PCBs Not Allowed: Used oil containing a PCB concentration of 50 or more ppm shall not be burned at this facility. Used oil shall not be blended to meet this requirement.

3. PCB Concentration of 2 to 49 ppm: On-specification used oil with a PCB concentration of 2 to 49 ppm shall be burned only at normal source operating temperatures. On-specification used oil with a PCB concentration of 2 to 49 ppm shall not be burned during periods of startup or shutdown.

4. PCB Notification: Before accepting from each marketer the first shipment of on-specification used oil with a PCB concentration of 2 to 49 ppm, the owner or operator shall provide each marketer with a one-time written and signed notice certifying that the owner or operator will burn the used oil in a qualified combustion device. The notice must state that EPA or a RCRA-delegated state agency has been given a description of the used oil management activities at the facility and that an industrial boiler or furnace will be used to burn the used oil with a PCB concentration of 2 to 49 ppm. The description of the used oil management activities may be submitted to the Administrator, Hazardous Waste Regulation Section, Florida Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, FL 32399-2400. [40 CFR 279.61 and 761.20(e)]

5. Certification Required: The owner or operator shall receive from the marketer, for each load of used oil received, a certification that the used oil meets the specifications for on-specification used oil and contains a PCB concentration of no greater than 49 ppm. This certification shall also describe the basis for the certification, such as analytical results. [F.A.C. Rule 62-4.070]

Note that a claim that used oil does not contain quantifiable levels of PCBs (that is, that the used oil contains less than 2 ppm of PCBs) must be documented by analysis or other information. The first person making the claim that the used oil does not contain PCBs is responsible for furnishing the documentation. The documentation can be tests, personal or special knowledge of the source and composition of the used oil, or a certification from the person generating the used oil claiming that the used oil contains no detectable PCBs.

6. Analysis Required: If the owner or operator does not receive certification from the marketer as described above, the owner or operator shall sample and analyze each load of used oil received for the following parameters
 - (i) Arsenic, cadmium, chromium, lead, total halogens, flash point, PCBs, and percent sulfur content by weight, ash, and BTU value (BTU per gallon).
 - (ii) Analysis shall be performed via EPA-approved or ASTM methods.
 - (iii) If the owner or operator relies on certification from the marketer as described above, the owner or operator shall, at a minimum, each calendar quarter, sample one load of used oil received, selected at random by the owner or operator, and analyze the sample for the above parameters. [F.A.C. Rule 62-4.070]

APPENDIX-C
USED OIL REQUIREMENTS (CONTINUED)

- (iv) If the analytical results show that the used oil does not meet the specification for on-specification used oil, or that it contains a PCB concentration of 50 ppm or greater, the owner or operator shall immediately notify the Department of Environmental Protection, Southeast District Office, Air Program and provide the analytical results to the Department. The owner or operator shall immediately cease burning of the used oil.
7. Special Record Keeping Requirements: The owner or operator shall obtain, make, and keep the following records related to the use of used oil: [40 CFR 279.61 and 761.20(e)]
- (i) The gallons of on-specification used oil received and burned each month.
 - (ii) The name and address of all marketers delivering used oil to the facility.
 - (iii) Copies of the marketer certifications, if obtained, and any supporting information.
 - (iv) Documentation that the used oil contains less than 2 ppm PCBs, if claimed, including the name and address of the person making the claim.
 - (v) Results of the analyses required above.
 - (vi) A copy of the notice to EPA and a copy of the one-time written notice provided to each marketer.
 - (vii) The records shall be retained in a form suitable for inspection at the facility by the Department, and shall be retained permanently.
8. Quarterly Reporting Required: The owner or operator shall submit, within thirty days of the end of each calendar quarter, a copy of the quarterly analyses and the total amount of on-specification used oil received and burned during the quarter.

APPENDIX-D

Subpart I — Standards of Performance for Hot Mix Asphalt Facilities

[Last Updated 2/15/00]

{Source: Federal Register dated 7/1/98}

Subpart I — Standards of Performance for Hot Mix Asphalt Facilities

§ 60.90 Applicability and designation of affected facility.

(a) The affected facility to which the provisions of this subpart apply is each hot mix asphalt facility. For the purpose of this subpart, a hot mix asphalt facility is comprised only of any combination of the following: dryers; systems for screening, handling, storing, and weighing hot aggregate; systems for loading, transferring, and storing mineral filler, systems for mixing hot mix asphalt; and the loading, transfer, and storage systems associated with emission control systems.

(b) Any facility under paragraph (a) of this section that commences construction or modification after June 11, 1973, is subject to the requirements of this subpart.

[42 FR 37936, July 25, 1977, as amended at 51 FR 12325, Apr. 10, 1986]

§ 60.91 Definitions.

As used in this subpart, all terms not defined herein shall have the meaning given them in the Act and in subpart A of this part.

(a) *Hot mix asphalt facility* means any facility, as described in § 60.90, used to manufacture hot mix asphalt by heating and drying aggregate and mixing with asphalt cements.

[51 FR 12325, Apr. 10, 1986]

§ 60.92 Standard for particulate matter.

(a) On and after the date on which the performance test required to be conducted by § 60.8 is completed, no owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any affected facility any gases which:

(1) Contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf).

(2) Exhibit 20 percent opacity, or greater.

[39 FR 9314, Mar. 8, 1974, as amended at 40 FR 46259, Oct. 6, 1975]

§ 60.93 Test methods and procedures.

(a) In conducting the performance tests required in § 60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in § 60.8(b).

(b) The owner or operator shall determine compliance with the particulate matter standards in § 60.92 as follows:

(1) 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).

(2) Method 9 and the procedures in § 60.11 shall be used to determine opacity.

[54 FR 6667, Feb. 14, 1989]