Department of Environmental Protection

FILE COPY

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

November 15, 1996

James S. Huggart, Jr.
Vice President
Baxter's Asphalt & Concrete, Inc.
Post Office Box 938
Marianna, Florida 32447

Dear Mr. Huggart:

This letter makes corrections to your permit 0630002-001-AO to operate an asphalt concrete batch mix plant and a gas fired asphalt heater.

By this letter permit number 0630002-001-AO is amended as follows.

1. **Permit number 0630002-001-AO is changed to 0630002-002-AO.**

2. **Specific Condition 12 is changed as follows.**

FROM:

12. The emission units covered by this permit are:

0630002 002: Standard Haven Baghouse
0630002 003: Asphalt Cement Heater

Please cite the appropriate number on all test reports and other correspondence specific to a permitted unit. [FAC Rule 62-297.310(8)]

TO:

12. The emission units covered by this permit are:

0630002 002: Standard Haven Baghouse
0630002 004: Asphalt Cement Heater

Please cite the appropriate number on all test reports and other correspondence specific to a permitted unit. [FAC Rule 62-297.310(8)]

All other specific conditions of the permit remain in effect. Please replace your copy of permit 0630002-001-AO, issued November 7, 1996, with the attached corrected permit 0630002-002-AO, issued November 7, 1996.

Sincerely,

Ed K. Middleswart

Ed K. Middleswart, P.E.
Air Program Administrator

EKM:cmc
cc: DEP Northwest District Branch Office, Panama City

Department of Environmental Protection

(Corrected)

FILE COPY

Syn. Minor

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

PERMITTEE:

Baxter's Asphalt & Concrete, Inc.

AIRS I.D. Number: 0630002
Air Permit Number: 0630002-002-AO
Emission Units: 002, 004
Date of Issue: November 7, 1996
Expiration Date: March 1, 1999
County: Jackson
Project: Asphalt Concrete Batch Mix Plant

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 62-296, 62-297 and 62-4. The above named applicant, hereinafter called Permittee, 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 and made a part hereof and specifically described as follows:

Operation of an asphalt concrete batch mix plant with a design operating capacity of 320 tons of asphalt mix produced per hour, a maximum fuel consumption of 500 gph of No. 2 fuel oil, and a natural gas fired asphalt heater.

Particulate emissions are controlled by a baghouse filter manufactured by Standard Haven, model 25-A5. Sulfur dioxide emissions are controlled by the use of No. 2 fuel oil with a maximum of 0.5% sulfur as fuel. Recycled asphalt product (RAP) can be used up to 20% of the product mix.

Front end loaders are used to transfer aggregate from storage piles to cold feed bins. Aggregate is then transferred to the dryer by conveyor belt; and, the hot aggregate is transferred by elevator from the dryer to the batch tower where it is sorted by vibrating screens, weighed in hoppers, dry mixed in a pug mill, and then combined with hot liquid asphalt cement. The hot mixed asphalt concrete is then stored and loaded into trucks.

Specific conditions in this permit meet or are more stringent than all conditions incorporated into FAC Rule 62-210.300(3)(c)(1), conditionally exempting asphalt concrete plants from the Title V permit application requirements. As such, this plant is a synthetic minor facility not required to obtain a Title V air operation permit under the provisions of Chapter 62-213, FAC.

Located south of U.S. 90 and the L&N Railroad where they cross in Marianna, Jackson County.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

PERMITTEE:

Baxter's Asphalt & Concrete, Inc.

AIRS I.D. Number: 0630002
Air Permit Number: 0630002-002-AO
Emission Units: 002, 004
Date of Issue: November 7, 1996
Expiration Date: March 1, 1999

SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit. [FAC Rule 62-4.160]

2. Satisfactory ladders, platforms and other safety devices as well as necessary parts shall be provided/made available to facilitate an adequate inspection program. [FAC Rule 62-297.310(6)]

Operation

3. The maximum allowable operating rate is 143 tons of asphalt concrete mix produced per hour which includes up to a maximum of 20% RAP. This is the operating rate at which compliance with standards shall be demonstrated. [FAC Rule 62-4.070]

Department approval is required to operate at rates greater than 143 tons per hour but less than the design maximum of 320 tons per hour. As a result the Permittee shall:

A. Advise the Department in writing prior to any operation at rates exceeding 143 tons per hour, and

B. Conduct a particulate matter compliance test at the new desired operating rate within 30 days of initial operation at the higher rate.

Any further operation at rates exceeding 143 tons per hour shall not be allowed until the required approval has been obtained.

Production of asphalt concrete shall not exceed 500,000 tons in any consecutive twelve month period. The Permittee shall maintain an operation log available for Department inspection certifying the total asphalt concrete production by monthly, calendar year, and twelve month rolling total. [FAC Rules 62-4.070 and 62-210.300(3)(c)(1)]

4. The maximum hours of operation are 2000 hours/year. The Permittee shall maintain an operation log available for Department inspection certifying the total hours of operation annually. [FAC Rule 62-4.070]

SPECIFIC CONDITIONS:

5. The maximum sulfur content of the No. 2 fuel oil is limited to 0.05% sulfur by weight. Total consumption of fuel oil shall not exceed 1.2 million gallons in any consecutive twelve month period. The Permittee shall maintain a log available for Department inspection of the fuel oil use and sulfur content by month, calendar year, and twelve month rolling total. [Letter request dated June 20, 1996, FAC Rule 62-210.300(3)(c)(1)]

6. All requirements of 40 CFR 60 Subpart I, Standards of Performance for Hot Mix Asphalt Facilities, shall be met. (FAC Rule 62-296.800)

Emissions

7. The maximum allowable emission limit for each pollutant is as follows:

Pollutant	FAC Rule	Allowable Emissions
Emission unit 002, Standard Haven baghouse		
PM	62-296.800	0.04 grains/dscf
VE	62-296.800	less than 20% opacity
Emission unit 003, asphalt heater		
VE	62-296.320	less than 20% opacity
General		
VE	62-296.320	less than 20% opacity

8. All fugitive dust generated at this site shall be adequately controlled in accordance with the requirements of FAC Rule 62-296.320(4)(c).

9. This source shall be operated in such a fashion so as to preclude objectionable odors. Objectionable odor is any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance pursuant to FAC Rule 62-210.200(198)

SPECIFIC CONDITIONS:

Testing

10. Emissions tests are required to show compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. The compliance test shall be scheduled annually between October 1 and November 30 and shall alternate between using virgin materials and 20% RAP if recycled material is processed at the facility during the year [FAC Rule 62-297.310(2)]. Tests shall be conducted in accordance with the table below. Such tests shall be scheduled annually between October 1, and November 30. The Department shall be notified at least 15 days prior to testing to allow witnessing. Results shall be submitted to the Department within 45 days after testing.

Pollutant	Test Method
PM	EPA method 5
VE	DEP method 9

The VE test shall be for a duration of 30 minutes and shall be conducted during one of the PM test runs.

Test reports shall comply with F.A.C. Rule 62-297.310(8), Test Reports. Additionally, the compliance test report shall provide the following information on the air pollution control devices:

a. General condition of equipment, noting any deficiencies of problems with the equipment which occur during testing.

b. Normal operating parameters of the equipment and the actual operation parameters for each test run, including:

1. Pressure drop across the baghouse
2. Baghouse inlet temperature

The Department can require special compliance tests in accordance with F.A.C. Rule 62-297.310(7)(b). Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing.

Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity. If it is impractical to test at capacity, then sources may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the Department. [FAC Rule 62-297.310(2)]

PERMITTEE:

Baxter's Asphalt & Concrete, Inc.

AIRS I.D. Number: 06[illegible]002
Air Permit Number: 0630002-002-AO
Emission Units: 002, 004
Date of Issue: November 7, 1996
Expiration Date: March 1, 1999

SPECIFIC CONDITIONS:

Administrative

11. An annual operating rep ort for air pollutant emitting facility, DEP Form 62-210.990(5), shall be submitted by March 1 of each year. A copy of the form and instructions may be obtained from the Department of Environmental Protection, Northwest District Air Resources Management Program, (904) 444-8364. [FAC Rule 62-210.370(3)]

12. The emission units covered by this permit are:

0630002 002: Standard Haven baghouse

0630002 00~~3~~4: Asphalt cement heater

Please cite the appropriate number on all test reports and other correspondence specific to a permitted emission unit. [FAC Rule 62-297.310(8)]

13. An application to renew this permit shall be submitted prior to January 1, 1999.

14. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8364, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 413-9911. For routine business, telephone (904) 872-4375 during normal working hours. [FAC Rule 62-4.130]

Expiration Date:

March 1, 1999

Issued this 7th day of November, 1996.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

[SIGNED]
ED K. MIDDLESWART, P.E.
Air Program Administrator

GENERAL CONDITIONS:

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. 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.

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.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute 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 the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does 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.

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.

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, are 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

a. Having access to and copying any records that must be kept under the conditions of this permit;

b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and,

GENERAL CONDITIONS:

c. Sampling or monitoring 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.

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 exact 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.

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 proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with Florida Rules of Civil Procedure and appropriate evidentiary rules.

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.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. 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.

GENERAL CONDITIONS:

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:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurement;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. 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.