Department of Environmental Protection

Northeast District
7825 Baymeadows Way, Suite B-200
Jacksonville, Florida 32256-7590

Jeb Bush
Governor

Colleen M. Castille
Secretary

PERMITTEE:
V.E. Whitehurst & Sons, Inc.
2330 NW 73rd Place
Gainesville, Florida 32653

I.D. Number: 0010037
Permit/Cert Number: 0010037-008-AO
Date of Issue: February 28, 2005
Expiration Date: February 28, 2010
County: Alachua
Latitude/Longitude: 29°43'45"N; 82°31'15"W
UTM: E-(17)368.7; N-3289.0
Project: RAP Crusher and #4 Asphalt Plant

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-210, 62-212, 62-272, 62-296, 62-297 and 62-4. The above named 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:

For the operation of the RAP Crusher and #4 Asphalt Plant with Particulate Matter emissions controlled by a baghouse.

Emission Units are defined as follows:

Emission Unit	Description	Emission Point
003	Asphalt Plant #4 with baghouse	
004	RAP Crusher	01: RAP Crusher 02: Hopper 03: Vibrating Screen 04: Underbelt

Located east of US 441, west of S.R. 121, north of Gainesville, Alachua County, Florida.

In accordance with:

Modification application received 10-16-96
Construction Permit issued July 1, 2003
Permit Application Received December 28, 2004

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 403.161, 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 the 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. 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 the permit.

4. This permit conveys not 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 no 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 permitted 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, 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.

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 a reasonable time, access to the premises, where the permitted activity is located or conducted to:

   a. Have access to and copy any record that must be kept under the conditions of the permit;

GENERAL CONDITIONS:

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.

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 non-compliance; and

b. the period of non-compliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

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 prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the 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, 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.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

( ) Determination of Best Available Control Technology (BACT)
( ) Determination of Prevention of Significant Deterioration (PSD)
(x) Compliance with New Source Performance Standards (NSPS)

GENERAL CONDITIONS:

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:

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

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 that 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.

SPECIFIC CONDITIONS:

1. The I.D. No. and Project name for this source shall be used on all correspondence.

2. The maximum input (operating rate) is listed below and shall not be exceeded without prior Department approval:

MATERIAL	EU 003 PLANT #4	EU 004 RAP Crusher
Asphalt Concrete Production	400 TPH 500,000 TPY **NOTE (1)(3)**	----------
Fuel	1.2 million gallons/year **NOTE (1)**	15,600 gallons/year **NOTE (1)**
Recycled asphalt Pavement	---	100 TPH 250,000 TPY **NOTE (1)(2)**

NOTE (1): Any consecutive 12-month period.
NOTE (2): The hours of operation **are limited** to 1,300 hours/year and **shall** be recorded.
NOTE (3): The hours of operation **are not limited.**

3. The permitted maximum allowable emission rate for each pollutant is as follows:

Emission Unit	Pollutant	Limits			Applicable Rule
003	Particulate Matter	0.04 gr/dscf	12.17 lbs/hr	53.3 tpy	40 CFR 60.92
	Visible Emissions	<20%			40 CFR 60.92
	Sulfur Dioxide	**Note (1)**			62.210.300(3)(c)1, F.A.C.
004	Visible Emissions	<20%			62.296.320(4)(b)1, F.A.C.
	(Fugitive)				
	Sulfur Dioxide	**Note (2)**			

NOTE (1): Fuel Sulfur content not to exceed 1% by weight.
NOTE (2): Fuel Sulfur content of the No. 2 duel oil shall not exceed 0.5% by weight.

4. Test the emissions for the following pollutant(s), notify the Department 15 days prior to testing [Rule 62-297.310(7)(a)9., F.A.C.].

Emission Unit	Pollutant	Test Method	Frequency	Rule
003	Particulate Emission	EPA Method 5	Annual	40 CFR 60.93
	Visible Emission	EPA Method 9	Annual	40 CFR 60.93
004	Sulfur Dioxide	Note (1)	Annual	
	Visible Emission	EPA Method 9	Permit renewal	

NOTE (1) In lieu of a sulfur dioxide test, a certified ASTM fuel oil analysis shall be conducted to determine the weight percent of sulfur and the fuel oil heat content. The report shall include the certified ASTM analysis and the sulfur dioxide emission calculations (A copy of a certified ASTM fuel oil analysis of the oil delivered is acceptable).

Tests and test reports shall comply with the requirements of FAC Rules 62-297.401 and 62-297.570, respectively.

SPECIFIC CONDITIONS:

5. **On-specification Used Oil**: The burning of "on-specification" used oil is allowed at this facility in accordance with all other conditions of this permit and the following additional conditions:
   a. "On-specification" used oil is defined as that meets the 40 CFR 279 (Standards for the Management of Used Oil) specifications listed below.

On-Spec Used Oil Specifications Note (1)	
Pollutant	**Allowable Level**
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	1,000 ppm maximum
Flash Point	100°F minimum
PCBs	**Note (2)**

Note (1) The facility shall demonstrate compliance with the on-spec used oil specification by using approved EPA, DEP, or ASTM test methods or a certified on-specification used oil analysis upon Department's request. Documentations shall be maintained on site to show that it meets the standards.

Note (2) On-specification used oil may be fired as follows:
1. At any time provided the maximum concentration of PCBs shall be less than 2 ppm and whether generated on or off-site. The analysis and recordkeeping requirements apply to each amount prior to blending even if to be blended with 90% virgin oil.
2. Only during normal operation temperature and not during startup or shutdown if the maximum concentration of PCBs is ≥ 2 but < 50 ppm

6. **Objectionable Odor Prohibited**: No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. Objectionable odor, is an odor present in the outdoor atmosphere which by itself or by combination with other odors, is or maybe harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which create a nuisance.

[Rule 62-296.320(2) and 62-210.200 (181), F.A.C.]

7. **Recordkeeping:** The owner or operator shall maintain records to document the monthly and the twelve-month rolling totals of tons of Recycle Asphalt Pavement (RAP) produced, the gallons of fuel oil consumed, and the hours of operation. These records shall be retained for five years.

8. **Annual Operating Report (AOR):** The owner or operator shall submit an Annual Operating Report for Air Pollutant Emitting Facility [DEP Form No. 62-210.900(5),] to the Department for each calendar year on or before March 1 pursuant to Rule 62-210.370(3), F.A.C.

SPECIFIC CONDITIONS:

9. **Unconfined Particulate Matter Emissions:** Reasonable precautions may include, but shall not be limited to the following:
   a. Paving and maintenance of roads, parking areas and yards.
   b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
   c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar emissions units.
   d. Removal of particulate matter from roads and other paved areas under the control of the permittee of the emissions unit to prevent re-entrainment, and from buildings or work areas to prevent particulate matter from becoming airborne.
   e. Landscaping or planting of vegetation.
   f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
   g. Confining abrasive blasting where possible.
   h. Enclosure or covering of conveyor systems.

   [Rule 62-296.320(4)(c)3, F.A.C., Unconfined Emissions of Particulate Matter, Rule 62-210.300(3)(c)1.e.]

10. In each test report, submit the maximum input/production rate at which this source was operated since the most recent test.

11. Unconfined particulate matter emissions shall be controlled by application of dust suppressants, unless an alternative method is requested and approved, to all areas necessary to reasonably control such emissions per Rule 62-296.310(3), F.A.C.

12. The owner or operator shall maintain records to document the monthly and the twelve-month rolling totals of tons of asphaltic concrete produced, the gallons of fuel oil consumed, and the hours of operation. These records shall be retained for five years.

13. The owner or operator shall submit an Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5), effective 3-21-96) to the Department for each calendar year on or before March 1 pursuant to Rule 62-210.370(3), F.A.C.

14. Any revision(s) to a permit (and application) must be submitted to the Department, in writing, and approved by the Department prior to implementation.

15. A completed **Application for Air Permit - Short Form [DEP Form No. 62-210.900(2)]** is due 60 days prior to the expiration of this permit.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Christopher L. Kirts, P.E.
District Air Program Administrator