Florida Department of Environmental Protection

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Sent by Electronic Mail – Received Receipt Requested

PERMITTEE:

V.E. Whitehurst & Sons, Inc.
20551 NE 75th Street
Williston, Florida 32696

Air Permit Number:0010037-011-AC
Date of Issue: DRAFT
Expiration Date:

Authorized Representative:
Mr. William J. Whitehurst President

V.E. Whitehurst & Sons, Inc. Gainesville, Fl.
Air Construction Permit

This is the final air construction permit, which authorizes the construction of an after the fact Astec Valu-King shaker screen, model No. 5X16 DD for the existing Recycled Asphalt Pavement (RAP) Crusher system for V.E. Whitehurst & Sons, Inc.
The proposed work will be conducted at 2330 NW 73rd Place in the City of Gainesville, Alachua County, FL. The Standard Industrial Classification No. is 2951 for RAP Crushing System. The UTM coordinates are Zone 17, 368.7 km East; 3289.0 km N.

This final permit is organized by the following sections.

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Emissions Unit Specific Conditions

Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) 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 must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Jacksonville, Florida

Draft

_____ _____

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

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on _____ to the persons listed below.

William J. Whitehurst, President
Steven C. Cullen, P.E., Koogler and Associates, Inc.
Tammy L. Reed, Environmental Scientist, Koogler and Associates, Inc.

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)

FACILITY AND PROJECT DESCRIPTION

Proposed Project

The applicant has proposed to modify the existing Cedar Rapids RAP Crusher. The unit is a Recycled Asphalt Pavement Crushing System (Standard Industrial Classification No. 2951).

The RAP Crusher is capable of being powered by either electric or diesel engine generator. The diesel engine is a 300 HP Caterpillar Industrial Engine, (serial No. 49B1502).

This project will modify the following emissions point.

Facility ID No. 0010037	
ID No.	Emission Unit Description and points
004	RAP Crusher
	05 - shaker screen

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

Applicable Unit Specific Rule (s)

The RAP Crusher emissions points 06-08 are subject to the emissions standards of Florida Administrative Code (F.A.C.) Rule 62-296.320(4)(b), General Pollutant Emission Limiting Standards.
Emissions points 05 and 09-11 are subject to 40 CFR 60, Subpart OOO of New Source Performance Standards (NSPS),

SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

1. Permitting Authority: The permitting authority for this project is the Northeast District Air Program, Florida Department of Environmental Protection (Department). The Northeast District's mailing address is 7825 Baymeadows Way, Suite B200, Jacksonville, Florida 32256-7590. All documents related to applications for permits to operate an emissions unit shall be submitted to the Northeast District.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the North East District Office. The mailing address and phone number of the District Office is: 7825 Baymeadows Way, Suite B200, Jacksonville, Florida 32256. The Permitting Authority's telephone number is 904/807-3300.

3. Appendices: The following Appendices are attached as part of this permit:
   a. Appendix A. Citation Formats and Glossary of Common Terms;
   b. Appendix B. General Conditions;
   c. Appendix C. Common Conditions; and
   d. Appendix D. Common Testing Requirements.
   e. Appendix E. Subpart A of NSPS – General Provision.

4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.
   [Rule 62-4.080, F.A.C.]

6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification.
   [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

7. Application for Non - Title V Permit: This permit authorizes construction of the permitted emissions unit and initial operation to determine compliance with Department rules. A completed Application for Air Permit - Non Title V Source (DEP Form No. 62-210.900(3), F.A.C.), shall be submitted to the Department at least 90 days prior to the expiration date of this construction permit. To properly apply for a construction permit, the permittee shall submit the appropriate application form, processing fee, and compliance test reports as required by this permit. [Rules 62-4.055 and 62-4.220, F.A.C.]

RAP Crusher

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
04	RAP Crusher

EQUIPMENT

1. Recycled Asphalt Pavement Crushing System: The permittee is authorized to modify the existing Cedar Rapids portable RAP Crusher EP 005.

   [Application received July 14, 2011]

PERFORMANCE RESTRICTIONS

2. Maximum input (operating) Rate: The maximum operating rate of the unit is 130 tons/hour and shall not be exceeded without prior Department approval.

   [Rule 62-210.200(PTE) and 62-4.070(3), F.A.C. and Air Operation Permit No. 0010037-010AC]

3. Hours of Operation: The hours of operation are restricted to 1300 hours per 12 consecutive months.

   [Rules 62-4.070(3), 62-210.200(PTE), F.A.C. and Air Operation Permit No. 0010037-010 AC]

4. The permitted maximum allowable emission rate is as follows:

Emission point	Pollutant	Limits	Applicable Rule
05	Visible Emissions	07% (five 6 minute averages)	40 CFR 60 Subpart OOO

5. Maximum No. 2 fuel Oil usage: The maximum fuel oil consumption shall not exceed 15,600 gallons in any 12- month period.

   [Air Operation Permit No. 0010037-010 AC]

6. Fuel Oil Sulfur Content Limit: The sulfur content of the fuel oil shall not exceed 0.5 % by weight.

   [Air Operation Permit No. 0010037-010 AC]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

7. Initial Compliance Tests: Within 60 days after achieving the maximum production rate at which the unit will be operated, but not later than 180 days after initial startup of the unit, the owner or operator shall conduct an initial compliance test for opacity emissions limitations. The Department should be furnished a written report of the results of such performance test(s).

   [40 CFR 60.672(b) and 40 CFR 60.11]

8. Subsequent Test: After the initial test for opacity, the owner or operator shall meet the requirements for subsequent testing as specified below:

Emission point	Pollutant	Test Method	Frequency	Rule
05	Visible Emissions	EPA Method 9	Permit renewal	40 CFR 60.675(b)(2), 40 CFR 60, Subpart OOO, Table 3

9. Fuel Oil Sulfur Limit-Fuel Supplier Certification: Compliance with the fuel oil sulfur limit stated in Specific Condition No. 6 shall be demonstrated based on Supplier Certification for each shipment of No. 2 fuel oil received.

   [Air Operation Permit No. 0010037-010 AC]

10. The owner or operator shall comply with the applicable requirements of 40 CFR 60, Subpart A- General Provisions (see attached Appendix E of the permit).

    [40 CFR 60.1 (a)]

NOTIFICATION, RECORDS AND REPORTS

11. Compliance Test Report Submittal: The owner or operator shall submit the results (each 6-minute average) of the opacity test reports as electronic or paper copy on or before the applicable permit renewal application submittal date.

    [40 CFR 60, Subpart OOO, Table 3 and Rule 62-297.310(8), F.A.C.]

12. Record Keeping: The owner or operator shall maintain records to document:

    a. The monthly and twelve-month rolling totals of tons of Recycle Asphalt Pavement (RAP) concrete produced.
    b. Daily hours of operation for the unit, total hours of operation for the month, and 12 consecutive months running total.

    [Air Operation Permit No. 0010037-010 AC]

13. Record Keeping Fuel Supplier Certification Information: The fuel supplier certification shall include the following information:

    a. ASTM fuel oil analysis of the diesel fuel.
    b. The gallons of fuel oil consumed, and the hours of operation.

    [Air Operation Permit No. 0010037-010 AC]

14. Recordkeeping Retention: The owner or operator shall maintain records of compliance onsite in either paper copy or electronic format for a period of 5 years following the date of such record. All records should be made available for an inspector's onsite review.

    [Rule 62-4.160(14), F.A.C.]

15. 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 April 1.

    [Rule 62-210.370(3), F.A.C.]