Florida Department of Environmental Protection
Northwest District
160 W. Government Street, Suite 308
Pensacola, Florida 32502-5740

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard, Jr.
Secretary

Sent by Electronic Mail – Received Receipt Requested

PERMITTEE

Anderson Columbia, Inc.
Post Office Box 1829
Lake City, Florida 32056

Authorized Representative:
Mr. Brian P. Schreiber, Secretary

Air Permit No. 7775064-008-AC
Permit Expires: October 11, 2011

Anderson Columbia Co., Inc., Plant #16
Minor Source Air Construction Permit
Project Name: Lime Silo Addition

This is the final air construction permit, which authorizes addition of a lime silo with baghouse. The proposed work will be conducted at the Anderson Columbia Co., Inc., Plant #16, which is a hot mix asphalt concrete plant (Standard Industrial Classification No. 2951). The facility is located in Jackson County at 2316 Highway 71 in Marianna, Florida. The UTM coordinates are Zone 16, 672.1 km East, and 3401.2 km North. As noted in the Final Determination provided with this final permit, no changes were made to the draft permit.

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 Pensacola, Florida

/s/ 4/11/11

Rick Bradburn, Air Program Administrator (Date)

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 April 11, 2011 to the persons listed below.

Brian P. Schreiber, Anderson Columbia Co., Inc.: BrianP@andersoncolumbia.com
Scott R. Cleveland, P.G., Anderson Columbia Co., Inc.: ScottC@andersoncolumbia.com
E. Tony Williams, Anderson Columbia Co., Inc.: TonyW@andersoncolumbia.com
DEP Northwest District Branch Office, Panama City

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.

/s/ 4/11/11

(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

This project authorizes the construction of a lime silo with baghouse. The facility was reconstructed under 7775064-006-AC, effective date 3/31/2010. Permit revision 7775046-007-AO is pending.

Existing Facility

This facility is a double barrel counter flow drum mix asphalt plant manufactured by Astec Industries, construction of which was completed in September 2010. The facility consists of an aggregate feed system, horizontal counter flow drum dryer with a 140 MMBtu/hr burner fired by natural gas, fuel oil or on-spec used oil, and two 20,000 gallon asphalt cement storage tanks with a 1.2 MMBtu/hr fuel oil or natural gas fired hot oil/asphalt cement heater. Particulate emissions from the plant are controlled by a Model BH-59 pulse jet baghouse, manufactured by Astec Industries. The fines from the baghouse are recycled into the asphalt mix. The plant has an operating capacity of 300 tons of asphalt mix per hour. Fugitive emissions at the facility result from uncontrolled process emissions, aggregate stockpiles and vehicular traffic. This plant replaced Plant #3, which has been dismantled.

A portable recycled asphalt product (RAP) crushing unit, with a current air general permit, will be operated at the facility periodically to provide RAP for the asphalt mix.

The facility is regulated under NSPS, 40CFR Part 60, subpart I (Standards of Performance for Hot Mix Asphalt Facilities, provided the facility was built or last modified on or after June 11, 1973) and Rule 62-210.300(3)(c)2., F.A.C. (Conditional Exemptions from Title V Permitting). The facility is a synthetic minor source with annual throughput limited to 500,000 tons of asphalt concrete per year. The fuel oil consumption for the asphalt concrete plant, including the asphalt cement heater and portable RAP crusher is limited to 1.2 million gallons in any consecutive 12-month period and the sulfur content of the fuel oil shall not exceed 1.0 percent, by weight.

The facility is permitted to burn on-specification used oil. On-specification used oil is defined as used oil that meets the specifications of 40CFR Part 279 - Standards for the Management of Used Oil.

The facility is relocatable.

The 1.2 MMBtu per hour asphalt cement heater is not exempt from permitting by Rule 62-210.300(3)(b)b(iv)., F.A.C., based on the potential emissions being more than five tons per year, burning 1% sulfur content fuel oil. However, it is not subject to any unit-specific applicable requirements.

The existing facility consists of the following emissions units.

Facility ID No. 7775064

ID No.	Emission Unit Description
003	**300 TPH Asphalt Concrete Plant**
004	**1.2 MMBtu/hr Asphalt Cement Heater**

Proposed Project

This permit authorizes the construction of a 35 ton Lime Silo System with an Astec JVB-24 Jet Vent baghouse. The baghouse uses 24 4-5/8 inch diameter by 8 foot long 16 ounce Dacron polyester bags in one compartment. The air to cloth ratio for this unit is approximately 5.5:1. The total square footage of all bags is approximately 233 square feet. Uncontrolled emissions for the lime silo are estimated at 7.85/2.75 tons per year PM/PM10. Controlled emissions are less than one ton per year. This project will add the following emissions units.

Facility ID No. 7775064	
ID No.	**Emission Unit Description**
005	**Lime Silo with baghouse**

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.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Northwest District Air Resource Management Program, Florida Department of Environmental Protection (Department). The District's mailing address is 160 W. Government Street, Room 308, Pensacola, Florida 32502-5740. All documents related to applications for permits to operate an emissions unit shall be submitted to the District Office.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the District Office at the above address or nwdair@dep.state.fl.us.

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.

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, 62-296 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. Source Obligation:

    (a) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

    (b) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

    [Rule 62-212.400(12), F.A.C.]

B. Lime Silo With Baghouse

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
005	Lime Silo With Baghouse

EQUIPMENT

1. Equipment Name: The permittee is authorized to install one lime silo with top-mounted baghouse. [Application No. 7775064-008-AC]

PERFORMANCE RESTRICTIONS

2. Permitted Capacity: For compliance testing, the maximum allowable operating rate is 30 tons of lime loaded per hour. [Rules 62-210.200(PTE) and 62-4.160(2), F.A.C., Application No.7775064-008-AC]

3. Usage: The total usage of lime shall not exceed 5000 tons per consecutive 12-month period. [Rules 62-4.050(4)(a)2.e., 62-210.200 (PTE) and 62-4.160(2), F.A.C.; Application No. 7775064-008-AC]

4. Authorized Fuel: NA

5. Restricted Operation: The hours of operation of are not limited (8,760 hours per year). [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

6. Emissions Standards:

   a. Particulate Matter. No emissions unit-specific limitation.

   b. Visible Emissions. Visible emissions associated with EU 005 shall not exceed 20% opacity. [Rules 62-204.800(8)(b)12 and 62-210.300(3)(c)2.f., F.A.C.; 40CFR 60.92(a)(2); Application No. 7775064-008-AC]

TESTING REQUIREMENTS

7. Initial Compliance Tests: The emissions unit, EU 005, shall be tested to demonstrate initial compliance with the visible emissions standard while the silo is being loaded. The initial tests shall be conducted within 60 days after achieving permitted capacity, but not later than 180 days after initial operation of the unit. [Rules 62-4.070(3) and 62-297.310(7)(a)1, F.A.C.]

8. Annual Compliance Tests: Annual compliance tests will not be required for EU 005.

9. Test Requirements: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Notification may be sent via e-mail to nwdair@dep.state.fl.us. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(7)(a)9., F.A.C.]

10. Test Methods: Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rules 62-204.800 and 62-297.401, F.A.C. No other methods may be used unless prior written approval is received

from the Department. [Rules 62-204.800, 62-297.100 and 62-297.401, F.A.C.; and Appendix A of 40 CFR 60]

MONITORING REQUIREMENTS

11. Permittee shall determine appropriate monitoring and maintenance requirements for the lime silo and baghouse and make these a part of the facility Operation and Maintenance Plan (OMP). The OMP shall address proper operation of the baghouse, routine checks and replacement criteria, as appropriate, including appropriate corrective actions to be taken in the event of a malfunction, such as, but not limited to: In the event visible emissions are detected from the lime silo baghouse vent, its operation will be immediately stopped and appropriate actions taken to correct the problem. [Rule 62-4.070(3), F.A.C.]

RECORDS AND REPORTS

12. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(8), F.A.C.]

13. Conditional Exemptions from Title V Air Permitting Recordkeeping
The owner or operator shall maintain records to document the monthly and the 12-month rolling totals of tons of lime purchased. Such records shall be retained for five years. [Application 7775064-008-AC and Rule 62-210.300(3)(c)2.g., F.A.C.]