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:

Anderson Materials Group, Inc.
P.O. Box 1829
Lake City, FL 32056

Air Permit Number: 7770123-009-AO
Issue Date: June 24, 2011
Expiration Date: June 24, 2016

Authorized Representative:
Brian P. Schreiber Secretary

Anderson Columbia Co. Inc.
Non-Title V Air Operation Permit
AO Renewal

PROJECT AND LOCATION

This is the air operating permit renewal, which authorizes the continued operation of AMGI Plant # 13 Concrete Batching Plant (EU001) for Anderson Materials Group, Inc.

The facility is a Concrete Batch Plant (Standard Industrial Classification No. 3273) currently operating at 940 NW 247th Drive, Newberry Alachua County, Florida 32669.
The UTM coordinates are Zone 17, 344.8 km East; and 3282.0 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 operation 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 operate the facility in accordance with the conditions of this permit.

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.

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

6/24/2011
Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Notice 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 June 24, 2011, to the persons listed below.

Brian P. Schreiber, Andreson Columbia Co., Inc. (brians@andersonColumbia.com)
Scott Cleveland, Anderson Columbia Co., Inc. (scottc@andersoncolumbia.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.

Monique Jordan

6/24/2011
(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The concrete batch plant consists of a storage silo (emission point 01) with two compartments that is connected to a single dust collector (Stevens/CW), which controls emissions generated during the filling of the silo compartments. A separate Stevens Dust Collector controls Particulate matter emissions generated during the transfer of cement into the weigh hopper (emission point 02). A Con E CO pj980 Central Dust Collector (emission point 03) controls emissions generated during transfer of materials into the truck mixers. The fourth emission point, a 250-ton storage silo "pig" (emissions point 04) is controlled by a separate dust collector. The maximum production rate for the plant is 200 yd^3/hr of wet concrete.

The facility consists of the following emissions units:

Facility ID No. 7770123	
ID No.	**Emission Unit Description**
001	Concrete Batch Plant # 13

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 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 904/256-1700.

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;
   d. Appendix D. Common Testing Requirements

4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the 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: 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. A completed **Application for Non Title V Air Permit Renewal** (DEP Form No. 62-210.900(4), F.A.C.), shall be submitted to the Department at least 60 days prior to the expiration date of this operation permit. To properly apply for an operation permit, the permittee shall submit the appropriate application form, processing fee, and compliance test reports as required by this permit.

   [Rule 62-4.090, F.A.C.] [Rules 62-4.055 and 62-4.220, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)
EU 001 Concrete Batch Plant

The following specific conditions apply to the Emissions Unit and points listed below:

EU No.001	Concrete Batch Plant # 13
E Pt No.	Description
01	Split Storage Silo w/ Stevens/CW dust collector
02	Weigh Hopper w/ Stevens/CW dust collector
03	Mixer w/ Con E CO pj980 Central dust collector
04	Storage silo "pig" w/ Stevens/CW dust collector

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

1. Hours of Operation: The hours of operation are not restricted, i.e. 24 H/D; 7 D/W; 52 W/Y, and 8760 hours per year.

   [Rules 62-4.160(2), F.A.C, and Rule 62-210.200(PTE), F.A.C., and Air Construction Permit 7770123-006-AC]

2. Permitted Capacity: The maximum production rate shall not exceed 200 cubic yards per hour without prior Department approval.

   [Rule 62-210.244 (PTE), F.A.C. and Air Construction Permit 7770123-006-AC]

EMISSION LIMITATIONS AND PERFORMANCE STANDARDS

3. Emission Limits (EP 01-04): The silos, weigh hopper, and other enclosed storage and conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity.

   [Rule 62-296.414(1), F.A.C.]

4. Unconfined Particulate Matter: The owner or operator shall take reasonable precautions to control unconfined emissions from hoppers, storage and conveying equipment, conveyor drop points, truck loading and unloading, roads, parking areas, stock piles, and yards as required by Rule 62-296.320(4)(c), F.A.C. For concrete batching plants the following shall constitute reasonable precautions:
   (a) Management of roads, parking areas, stockpiles, and yards, which shall include one or more of the following:
      1. Paving and maintenance of roads, parking areas, and yards.
      2. Application of water or environmentally safe dust- suppressant chemicals when necessary to control emissions.
      3. Removal of particulate matter from roads and other paved areas under control of the owner or operator to mitigate reentrainment, and from building or work areas to reduce airborne particulate matter.
      4. Reduction of stockpile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stockpiles.

   [Rule 62-296.414(2)]

5. Emissions Control: Emissions control measures (dust collectors) shall be maintained in good operating condition and shall remain in place at all times during operation. If there is a malfunction on the control unit, the owner or operator shall immediately take corrective actions to minimize emissions.

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

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

6. Annual Visible Emissions Test: A visible emissions test shall be performed at each of the following emission points on an annual basis in order to demonstrate compliance with the opacity limit as specified in Specific Condition No. 3 for the concrete batching operation. The test method shall be EPA Method 9 as specified in Appendix A, of 40 CFR 60 and adopted by reference in Rule 62-204.800, F.A.C.

E Pt No.	Description
01	Split Storage Silo w/ Stevens/CW dust collector
02	Weigh Hopper w/ Stevens/CW dust collector
03	Mixer w/ Con E CO pj980 Central dust collector
04	Storage silo "pig" w/ Stevens/CW dust collector

   [Rule 62-296.414 (3)(a), F.A.C.; Rule 62-296.414 (4)(b)., F.A.C.]

7. EPA Method 9- Required Sampling Time: The required minimum period of observation for each compliance test shall be thirty (30) minutes. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.

   [Rule 62-297.310(4)(a)2., F.A.C.]

8. Operation During Compliance Test: The permittee shall conduct visible emissions testing while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons and occur in less than one hour. If emissions from the weigh hopper (batcher) operation are also controlled by the silo dust collector, the batching operation shall be in operation during the visible emissions test. The batching rate during the emissions test shall be representative of the normal batching rate and duration. Each test report shall state the actual silo loading rate during emissions testing and, if applicable, whether or not batching occurred during emissions testing.

   If emissions from the weigh hopper (batcher) operation are control controlled by a dust collector which is separate from the silo dust collector, visible emissions tests of the weigh hopper (batcher) dust collector exhaust point shall be conducted while batching at a rate that is representative of the normal batching rate and duration. Each test report shall state the actual batching rate during testing.

   [Rule 62-296.414(3)(c) &(d),F.A.C.]

RECORDKEEPING REPORTING AND NOTIFICATION, REQUIREMENTS

9. Recordkeeping: The owner or operator shall maintain records to document the silo loading and the hourly and annual production rates. These records shall be retained for five years. All records of compliance shall be maintain onsite in either paper copy or electronic format and should be made available for an inspector's onsite review.

   [Rule 62-4.070, F.A.C. 62-4.160(14), F.A.C. and Permit No. 7770123-006-AC]

10. Control Unit/Maintenance Record: The owner or operator shall maintain the malfunction and maintenance records of the control unit. The record(s) shall be kept on site for at least 5 years, and shall be made available upon Department's request.

    The following information shall include but not limited to:

    a. Date and type of malfunctions that occurred.
    b. Duration of the malfunction and correction action taken.
    c. Maintenance conducted on as a result of malfunction

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

11. Annual Compliance Test Report Submittal: The owner or operator shall submit the results of the opacity test reports as electronic or paper copy on or before the applicable permit renewal application submittal date.

    [Rule 62-297.310(8), F.A.C.]

12. Test Notification: The permittee shall notify the air compliance section of this office in writing at least 15 days prior to any required tests. 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.]

13. Notification of Intent to Relocate: The owner or operator of the facility must submit a Notification of Intent to Relocate Air Pollutant Emitting Facility [DEP Form No. 62-210.900(6)] to the Department's District office or the appropriate local program office at least thirty (30) days prior to the change, if the facility would be relocated to a county listed in this permit as a county in which the facility is authorized to locate. The form may not be used unless the facility is currently authorized by this permit to locate in the county to which it intends to relocate. The permittee may not use DEP form No. 62-210.900(6) to request any change to any permit term.

    If the facility is not currently authorized to locate in the county to which it intends to relocate, a permit application form, with appropriate fee, must be submitted to apply for authorization to locate to that county, and the appropriate Department's District office or approved local program office shall process the application as a permit modification under Rule 62-4.080, F.A.C.

    The appropriate Department's District office or approved local program office shall amend the facility air permitting record upon each change of location of the facility.

    A separate form shall be submitted for each facility in the case of the relocation of multiple facilities, which are jointly owned or operated, however no co-location of multiple facilities subject to Rule 62-210.300(c) 1., F.A.C., may be accomplished or permitted.

    [Rule 62-210.370(4), F.A.C.]

PERMITTED COUNTIES APPENDIX PC ATTACHED

14. The facility is authorized to locate in the counties listed in this permit, provided the preconditions for relocation, as provided by this permit, are met. The facility is not authorized to locate in any county not listed in this permit. The facility is **not** authorized to relocate to any other location in any county listed without having first fully complied with all requirements of this permit, for relocation

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APPENDIX PC- PERMITTED COUNTIES

The applicant has published the proper public notices and is authorized to operate in the following counties:

Permitted Counties	Date of Publication	Permitted Counties	Date of Publication	Permitted Counties	Date of Publication
Alachua	Jan 9, 2003 June 15, 2006 (Pig Silo)	Hamilton		Okeechobee	
Baker		Hardee		Orange	
Bay		Hendry		Osceola	
Bradford		Hernando		Palm Beach	
Brevard		Highlands		Pasco	
Broward		Hillsborough		Pinellas	
Calhoun		Holmes		Polk	
Charlotte		Indian river		Putnam	
Citrus		Jackson		St. Johns	
Clay		Jefferson		St. Lucie	
Collier		Lafayette		Santa Rosa	
Columbia		Lake		Sarasota	
Dade		Lee		Seminole	
DeSoto		Leon		Sumter	
Dixie		Levy		Suwannee	
Duval		Liberty		Taylor	
Escambia		Madison		Union	
Flagler		Manatee		Volusia	
Franklin		Marion		Wakulla	
Gasden		Martin		Walton	
Gilchrist		Monroe		Washington	
Glades		Nassau			
Gulf		Okaloosa			