Florida Department of Environmental Protection

Central District Office
3319 Maguire Blvd., Ste. 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Electronically Sent- Received Receipt Requested
CMiller@cmineralsinc.com

Mr. Christian Miller, Projects Manager
Colored Aggregate Systems, Inc.
P.O. Box 490180
Leesburg, Florida 34749-0180

Re: Project No. 0694862-001-AC
Okahumpka Colored Aggregate System
Minor Source Air Construction Permit
Project: Aggregate Color Coating Facility

Dear Mr. Miller:

On December 01, 2010, you submitted an application requesting construction of an aggregate material color coating operation with a baghouse. This facility is located in Lake County at 26825 Haywood Worm Farm Road in Okahumpka, Florida. Enclosed are the following documents: the Technical Evaluation and Preliminary Determination; the Draft Permit and Appendices; the Written Notice of Intent to Issue Air Permit; and the Public Notice of Intent to Issue Air Permit. The Public Notice of Intent to Issue Air Permit is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project. If you have any questions, please contact the project engineer, Ms. Natrevia Gradney, at 407-893-3334, ext. 2369.

Sincerely,

Caroline D. Shine
District Air Program Administrator
Central District

Enclosures

CDS/ng/ta

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

In the Matter of an
Application for Air Permit by:

Colored Aggregate Systems, Inc.
P.O. Box 490180
Leesburg, Florida 34749-0180

Authorized Representative:
Mr. Christian Miller, Projects Manager

Project No. 0694862-001-AC
Minor Source Air Construction Permit
Lake County, Florida

Okahumpka Colored Aggregate System
Project: Aggregate Color Coating Facility

Facility Location: Colored Aggregate Systems, Inc. proposes construction of an aggregate material color coating operation with a baghouse to be located in Lake County at 26825 Haywood Worm Farm Road in Okahumpka, Florida.

Project: The applicant proposes to color particles of dried aggregate and pigments which will then be dried onto the aggregate, screened, and packaged. The aggregate material includes construction sand and sodium silicate. Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

Permitting Authority: Applications for air construction and operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Permitting Authority responsible for making a permit determination for this project is the Department of Environmental Protection's Air Resource Management Section in the Central District Office. The Permitting Authority's physical address is: 3319 Maguire Blvd., Ste. 232, Orlando, Florida 32803-3767. The Permitting Authority's mailing address is: 3319 Maguire Blvd., Ste. 232, Orlando, Florida 32803-3767. The Permitting Authority's telephone number is 407/893-3334.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Permit: The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant

change of terms or conditions.

Public Notice: Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of the 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241). Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of

the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Written Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.

Executed in Orange County, Florida.

Caroline D. Shine
District Air Program Administrator
Central District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permit package (including the Written Notice of Intent to Issue Air Permit, the Public Notice of Intent to Issue Air Permit, the Technical Evaluation and Preliminary Determination and the Draft 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 Feb. 23, 2011 to the persons listed below.

Mr. Christian Miller, Projects Manager **(CMiller@cmineralsinc.com)**
Mr. Steven C. Cullen, P.E., Koogler and Associates, Inc. **(scullen@kooglerassociates.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.

(Clerk) 2/23/11 (Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

Florida Department of Environmental Protection
Air Resource Management, Central District Office
Draft Minor Source Air Construction Permit
Project No. 0694862-001-AC
Colored Aggregate Systems, Inc., Okahumpka Colored Aggregate System
Lake County, Florida

Applicant: The applicant for this project is Colored Aggregate Systems, Inc. The applicant's authorized representative and mailing address is:

Mr. Christian Miller, Projects Manager
Colored Aggregate Systems, Inc., Okahumpka Colored Aggregate System
P.O. Box 490180
Leesburg, Florida 34749-0180

Facility Location: Colored Aggregate Systems, Inc. proposes construction of an aggregate material color coating operation with a baghouse to be located in Lake County at 26825 Haywood Worm Farm Road in Okahumpka, Florida.

Project: The applicant proposes to color particles of dried aggregate and pigments which will then be dried onto the aggregate, screened, and packaged. The aggregate material includes construction sand and sodium silicate. A baghouse will be used to control particulate emissions.

Permitting Authority: Applications for air construction and operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Permitting Authority responsible for making a permit determination for this project is the Department of Environmental Protection's Air Resource Management Section in the Central District Office. The Permitting Authority's physical address is: 3319 Maguire Blvd., Ste. 232, Orlando, FL 32803-3767. The Permitting Authority's mailing address is: 3319 Maguire Blvd., Ste. 232, Orlando, FL 32803-3767. The Permitting Authority's telephone number is 407/893-3334.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the physical address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application and information submitted by the applicant (exclusive of confidential records under Section 403.111, F.S.). Interested persons may contact the Permitting Authority's project engineer for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site: http://www.dep.state.fl.us/air/emission/apds/default.asp.

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air construction permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a

Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of this Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of the 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 days of publication of this Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address and telephone number of the petitioner; the name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose

substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available for this proceeding.

TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION

APPLICANT

Colored Aggregate Systems, Inc.
P.O. Box 490180
Leesburg, Florida 34749-0180

Okahumpka Colored Aggregate System

Facility ID No. 0694862

PROJECT

Project No. 0694862-001-AC
Application for Minor Source Air Construction Permit
Project Name: Aggregate Color Coating Facility

COUNTY

Lake County, Florida

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Air Resource Management
Central District Office
3319 Maguire Blvd., Ste. 232, Orlando, FL 32803-3767

February 21, 2011

Prepared by Natrevia Gradney

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

GENERAL PROJECT INFORMATION

Air Pollution Regulations

Projects at stationary sources with the potential to emit air pollution are subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The statutes authorize the Department of Environmental Protection (Department) to establish regulations regarding air quality as part of the Florida Administrative Code (F.A.C.), which includes the following applicable chapters: 62-4 (Permits); 62-204 (Air Pollution Control - General Provisions); 62-210 (Stationary Sources - General Requirements); 62-212 (Stationary Sources - Preconstruction Review); 62-213 (Operation Permits for Major Sources of Air Pollution); 62-296 (Stationary Sources - Emission Standards); and 62-297 (Stationary Sources - Emissions Monitoring). Specifically, air construction permits are required pursuant to Rules 62-4, 62-210 and 62-212, F.A.C.

In addition, the U. S. Environmental Protection Agency (EPA) establishes air quality regulations in Title 40 of the Code of Federal Regulations (CFR). Part 60 specifies New Source Performance Standards (NSPS) for numerous industrial categories. Part 61 specifies National Emission Standards for Hazardous Air Pollutants (NESHAP) based on specific pollutants. Part 63 specifies NESHAP based on the Maximum Achievable Control Technology (MACT) for numerous industrial categories. The Department adopts these federal regulations on a quarterly basis in Rule 62-204.800, F.A.C.

Glossary of Common Terms

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

I. Project Description:

A. Applicant:

Mr. Christian Miller, Projects Manager
Colored Aggregate Systems, Inc.
P.O. Box 490180
Leesburg, Florida 34749-0180

B. Professional Engineer:

Mr. Steven C. Cullen, P.E.
Koogler and Associates, Inc.
4014 N.W. 13th Street
Gainesville, Florida 32609

C. Project Location:

Okahumpka Colored Aggregate System
26825 Haywood Worm Farm Road
Okahumpka, Florida 34762

D. Project Summary:

This project is for the initial construction of an aggregate material handling facility. This facility will consist of the coloring of particles of dried aggregate and pigments which will then be dried onto the aggregate, screened, and packaged. The aggregate material includes construction sand and sodium silicate, as further described in the permit.

E. Application Information:

Application Received on: 12/01/10
Additional Information Requested on: N/A
Additional Information Received on: N/A
Application Complete: 12/01/10

II. PSD Applicability for Project

As provided in the application, the following table summarizes potential emissions and PSD applicability for the project.

Table A. Potential Emissions (Tons/Year) and PSD Applicability

Pollutant	Project Potential Emission (tpy)	Significant Emissions Rate (tpy)	Subject to PSD?
CO	0.3	100	No
NO_X	0.3	40	No
PM	0.9	25	No
SO_2	0.0	40	No
VOC	0.0	40	No

As shown in the above table, total project emissions will not exceed the PSD significant emissions rates; therefore, the project is not subject to PSD preconstruction review.

III. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes and Chapters 62-204 through 62-297, Florida Administrative Code (F.A.C.), as indicated below.

Subject to:	Y/N	Comments
Rule 62-210.300, F.A.C. - Project Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements, F.A.C.	Y	Not exempt from general permitting requirements.
Rule 62-212.400, F.A.C. - Prevention of Significant Deterioration	N	Facility is not a PSD major source.
Rule 62-296.320(4), F.A.C. - General Particulate Emission Limiting Standards	Y	Facility is a source of unconfined particulate matter emissions.
Rules 62-296.320(1) and (2), F.A.C. - General Pollutant Emission Limiting Standards (VOCs and Odor)	Y	Facility is a source of VOC and odors, but VOC emissions are insignificant and odors from the facility should be insignificant.
Rule 62-296.400, F.A.C. - Stationary Source Emission Standards	N	There is no applicable source category.
Rule 62-296.500, F.A.C. - Reasonably Available Control Technology (VOC)	N	Lake County is an attainment area for ozone.
Rule 62-296.700, F.A.C. - Reasonably Available Control Technology (PM)	N	There is no applicable source category.
Rule 62-204.800, F.A.C. - Standards of Performance for New Stationary Sources (NSPS)	N	There is no applicable source category.
Rule 62-204.800, F.A.C. National Emission Standard for Hazardous Air Pollutants (NESHAPS – 40 CFR 61)	N	There is no applicable source category.
Rule 62-204.800, F.A.C. National Emission Standard for Hazardous Air Pollutants for Source Categories a.k.a. MACT (NESHAPS – 40 CFR 63)	N	There is no applicable source category.
Chapter 62-213, F.A.C. - Operation Permits for Major Sources of Air Pollution	N	Facility is a synthetic non-Title V source.
Rule 62-297.310, F.A.C. - General Compliance Test Requirements, F.A.C.	Y	Initial VE testing is required for the baghouse associated with EU No. 001.

IV. Summary of Emissions

Pollutant	EU No. and brief description	Potential Emissions (tpy)	Allowable Emissions (tpy)
PM	001-Aggregate Color Coating Operations with Baghouse	0.9	
	Total	**0.9**	
VOC	001-Aggregate Color Coating Operations with Baghouse	0.0	
	Total	**0.0**	
NOx	001-Aggregate Color Coating Operations with Baghouse	0.3	
	Total	**0.3**	
SO2	001-Aggregate Color Coating Operations with Baghouse	0.0	
	Total	**0.0**	
CO	001-Aggregate Color Coating Operations with Baghouse	0.3	
	Total	**0.3**	
VE	001-Aggregate Color Coating Operations with Baghouse		5%

V. Federal NSPS and/or NESHAP Provisions

This facility is **not subject** to 40 CFR 60, Subpart UUU- Standards of Performance for Calciners and Dryers in Mineral Industries, because the facility processes construction sand rather than industrial sand.

VI. Conclusions

The emission limits proposed by the applicant will meet all of the requirements of Chapters 62-204 through 297, F.A.C.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapters 62-204 through 297, F.A.C.

VII. Preliminary Determination

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft

permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. Additional details of this analysis may be obtained by contacting the project engineer at the Florida Department of Environmental Protection Air Resource Management, Central District, 3319 Maguire Blvd., Ste. 232, Orlando, FL 32803-3767.

Pursuant to Section 403.087, Florida Statutes and Section 62-4.070, Florida Administrative Code, the Department hereby gives notice of its intent to issue a permit to construct the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).

Florida Department of Environmental Protection

Central District Office
3319 Maguire Blvd., Ste. 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Electronically Sent- Received Receipt Requested
CMiller@cmineralsinc.com

DRAFT PERMIT

PERMITTEE

Colored Aggregate Systems, Inc.
P.O. Box 490180
Leesburg, Florida 34749-0180

Authorized Representative:
Mr. Christian Miller, Projects Manager

Air Permit No. 0694862-001-AC
Permit Expires: 09/30/2012
Site Name : Okahumpka Colored Aggregate System
Minor Source Air Construction Permit
Project Name: Aggregate Color Coating Facility

This is the final air construction permit, which authorizes construction of aggregate material color coating operation with a baghouse. The proposed work will be conducted at Okahumpka Colored Aggregate System (Standard Industrial Classification No. 1442). The facility will be located in Lake County at 26825 Haywood Worm Farm Road in Okahumpka, Florida. The UTM coordinates are Zone 17, 413.28 km East, and 3179.29 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Facility-wide and 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 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 Orange County, Florida

DRAFT

Caroline D. Shine — Effective Date
District Air Program Administrator
Central District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination, the Final Permit and the Appendices) 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.

Mr. Christian Miller, Projects Manager **(CMiller@cmineralsinc.com)**
Mr. Steven C. Cullen, P.E., Koogler and Associates, Inc. **(scullen@kooglerassociates.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.

DRAFT

(Clerk) — (Date)

FACILITY AND PROJECT DESCRIPTION

Project Description and Proposed Emission Unit

This project is for the initial construction of an aggregate material handling facility. This facility will consist of the coloring of particles of dried aggregate and pigments which will then be dried onto the aggregate, screened, and packaged. The aggregate material includes construction sand and sodium silicate.

This project will create the following emissions unit.

Facility ID No. 0694862	
ID No.	Emission Unit Description
001	Aggregate Color Coating Operations with Baghouse

NOTE: *Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.*

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.

PERMIT HISTORY/AFFECTED PERMITS

N/A

SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection, Central District Air Resource Management Section. The Central District's mailing address and phone number is:

   Florida Department of Environmental Protection
   Central District Office
   Air Resource Management Section
   3319 Maguire Blvd., Ste. 232
   Orlando, FL 32803-3767 Telephone: 407-894-7555

   All documents related to applications for permits shall be submitted to the above address.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Central District Air Resource Management Section (see above mailing address and phone number) or Local Air Program Name. The mailing address and phone number of the Local Air Program is: Address and Phone Number.

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, 62-213, 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: Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.
   [Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

7. Application for Non-Title V Air Operation Permit: This permit authorizes construction or modification of the permitted emissions unit(s) and initial operation to determine compliance with Department rules. A Non-Title V air operation permit is required for continued operation of the permitted emissions unit(s). The permittee shall apply for a Non-Title V air operation permit

at least 90 days prior to expiration of this permit, but no later than 180 days after commencing operation or commencing operation as modified. Commencing operation means setting into operation of any emissions unit for any purpose. To apply for a Non-Title V air operation permit, the applicant shall submit the following:

a. the appropriate permit application form *(see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: http://www.dep.state.fl.us/air/)*;

b. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.;

c. a copy of the initial compliance test required by Specific Condition No. A.6.; and

d. copies of the most recent two months of records/logs specified in Specific Condition Nos. A.12. and A.13.

The application shall be submitted to the Permitting Authority.

[Rules 62-4.030, 62-4.050, and 62-4.220, F.A.C.]

A. EU No. 001- Aggregate Color Coating Operations with Baghouse

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	The aggregate material includes construction sand and sodium silicate. Shrouds will be connected to a Torrit Downflow II Baghouse, Model No. 2DF4, which will be used to control particulate emissions, through a series of duct channels. The collected solid particles from the baghouse will be stored in a bin for recycling and the clean air discharged outside.

PERFORMANCE RESTRICTIONS

A.1. Permitted Capacity: The maximum process rate of aggregate material processed shall not exceed 2.0 tons per hour.
[Rule 62-210.200(PTE), F.A.C.]

A.2. Authorized Fuel: The main rotary dryer burner is permitted to only burn natural gas.
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

A.3. Restricted Operation: The hours of operation are not limited (8760 hours per year).
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

A.4. Visible Emissions: Visible emissions (VE) from the baghouse shall not exceed five percent opacity.
[Rule 62-4.070, F.A.C.]

A.5. Unconfined Particulate Matter (PM) Emissions: No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions (See Appendix C., Condition No. 9).
[Rules 62-210.300(3)(c)2.e. and 62-296.320(4)(c), F.A.C.]

TESTING REQUIREMENTS

A.6. Initial Compliance Test for Visible Emissions: The baghouse shall be tested to demonstrate initial compliance with the emissions standard for visible emissions in Specific Condition A.4. The initial test shall be conducted no later than 90 days after initial operation of the unit.
[Rules 62-4.070(3) and 62-297.310(7)(a)1, F.A.C.]

A.7. Test Requirements: Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310, F.A.C.]

A.8. Test Method: Required tests shall be performed in accordance with the following reference method.

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

The above method is described in Rule 62-297.401 and Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other method(s) may be used unless prior written approval is received from the Department.
[Rules 62-204.800 and 62-297.401, F.A.C.]

NOTIFICATION REQUIREMENTS

A.9. Test Notification. The permittee shall notify the Compliance Authority, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the permittee. [Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

A.10. Notification of Operation Commencement: The permittee shall notify the Compliance Authority in writing of the date of commencing operation of the EU No. 001, no later than five (5) business days after that date. Commencing operation means setting into operation of any emissions unit for any purpose.
[Rule 62-4.070, F.A.C]

RECORDS AND REPORTS

A.11. 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.]

A.12. Monthly Recordkeeping: In order to document continuing compliance with Specific Condition Nos. A.1., the following records shall be kept monthly:

a. Facility name, Facility ID No., Emission Unit ID No. and Description (i.e., EU 001, Aggregate Color Coating Operations with Baghouse);

b. Month/Year of record;

c. Consecutive twelve months total of total aggregate product processed(tons); and

d. Consecutive twelve months total of operational hours

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

Note: A consecutive 12 months total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-months total

treats each month of the year as the end of a 12-months period. A 12-months total is not a year-to-date total. Facilities that have not been operating for 12 months should retain 12 months totals using whatever number of months of data are available until such a time as a consecutive 12 months total can be maintained each month. **The monthly logs shall be completed by the end of the following month.** All records shall be recorded in a permanent form suitable for inspection by the Department upon request and shall be kept at the facility for a minimum of the most recent three (3) year period. [Rule 62-4.070(3), F.A.C.]

A.13. Daily Recordkeeping: In order to document continuing compliance with Specific Condition Nos. A.1. the following records shall be kept daily:

a. Facility name, Facility ID No., Emission Unit ID No. and Description (i.e., EU 001, Aggregate Color Coating Operations with Baghouse);

b. Date (Month/Day/Year of record);

c. Total aggregate product processed(tons);

d. Total operational hours; and

e. Calculation of the daily average (tons/hour) process rate of aggregate product.

Daily records shall be completed within three (3) business days. All records shall be recorded in a permanent form suitable for inspection by the Department upon request and shall be kept at the facility for a minimum of the most recent three (3) year period. [Rule 62-4.070(3), F.A.C.]

A.14. Operation and Maintenance (O&M) Plan for Baghouse: The O&M Plan shall include, at a minimum, the following information:

a. Operating parameters of the pollution control device;

b. Schedule for the routine maintenance of the pollution control device as specified by the manufacturer; and

c. Schedule for routine observations of the pollution control device sufficient to ensure proper operation.

The O&M Plan shall be retained onsite at all times.
[Rule 62-4.070(3), F.A.C.]

A.15. Weekly check: Perform a weekly check, which includes the following:

a. Observe area directly above stack or as appropriate to determine the opacity of plume; and

b. Observe pressure drop across baghouse (view manometer).

A.16. O&M Weekly Log for Baghouse: The O&M log shall include, at a minimum, the following information:

a. When maintenance and observations were performed (Date and Time);

b. What maintenance and observations were performed;

c. Who performed the maintenance and observations (Name of Person(s)); and

d. Acceptable parameter ranges for each operational check.

If no maintenance was performed on a particular date, indicate no maintenance was performed. These records shall be maintained at the facility for a minimum of the most recent three (3) year period and made available to the Department upon request. [Rule 62-4.070(3), F.A.C.]