



Florida Department of Environmental Protection

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

PERMITTEE

King Road Aggregates, LLC
6051 King Road
Inglis, Florida 34449

Air Permit No. 0750089-005-AC
Expiration Date: June 30, 2018

Authorized Representative:

Mr. Kendall Fountain, General Manager- Minerals, Weyerhaeuser

King Road Mine

Minor Air Construction Permit
Limestone Mining and Processing
Facility

PROJECT

This is the final air construction permit which authorizes the construction of a limestone mining and processing facility. The proposed work will be conducted at the new King Road Mine, which is categorized under Standard Industrial Classification No. 1422- Crushed and Broken Limestone. The new facility will be located in Levy County at 6051 King Road, Inglis, Florida. The UTM coordinates are Zone 17: 340.2 km East; 3319.9 km North.

This final permit is organized by the following sections: (General Information); Section 2 (Administrative Requirements); Section 3 (Facility-Wide Conditions); Section 4 (Emissions Unit Specific Conditions); Section 5 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 5 of this permit. As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft permit.

STATEMENT OF BASIS

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



Richard S. Rachal III, P.G.
Permitting Program Administrator

FILING AND ACKNOWLEDGEMENT & CERTIFICATE OF SERVICE

Filed on this date pursuant to § 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged. The undersigned hereby certifies that the Final Air Permit package (including the Final Determination and Final Permit), and all copies were sent before the close of business on August 19, 2016, to the listed persons.

Kendall Fountain, General Manager- Minerals, Weyerhaeuser (Kendall.Fountain@weyerhaeuser.com)
Albert Townsend, Project Manager, King Road Aggregates, LLC (awtownsend@att.net)
Max Lee, P.E., Koogler and Associates, Inc. (Mlee@kooglerassociates.com)



Clerk

August 19, 2016
Date

SECTION 1. GENERAL INFORMATION (DRAFT)

PROPOSED PROJECT

The processes include excavating limestone underwater. Rock excavation will be performed using an electric-powered walking dragline, which can dig up to 125 feet below land surface. Once the excavation begins, water will fill the excavated area and from then on, rock will be excavated under the water. The excavated rock will be stockpiled, crushed, and graded to meet Florida Department of Transportation aggregate specifications. From the limestone stockpile, material is transferred via hopper onto a conveyor into the primary crusher (EP-01). The limestone processing facility will include primary and secondary processing operations, finishing operations and loadout operations. All power for the process equipment will be provided via electricity. There will be no emergency generator(s) on site. Water spray is applied at various points of the process to reduce the fugitive particulate emissions.

This project will add the following emissions units.

Facility ID No. 0750089	
Emissions Unit ID No.	Emission Unit Description
001	Non-Metallic Mineral Processing Plant Operations

Primary and Secondary Crushing Operations Emissions Points			
Emissions Point (EP)	Description	Emissions Point (EP)	Description
079	Limestone Stockpile to Hopper	014	Triple deck screen No. 1 to C-105
080	Hopper to Conveyor	015	Triple deck screen No. 2 to C-105
081	Conveyor to Primary Crusher	016	Hydro-cyclone separator to single deck screen No. 1
01	Primary Crusher	017	Hydro-cyclone separator to single deck screen No. 2
02	Primary Crusher to King Road Mine Conveyor	018	Single deck screen No. 1 to C-106
03	King Road Mine Conveyor to Surge hopper	019	Single deck screen No. 2 to C-106
04	Surge hopper to C-101	020	C-106 to C-107
05	Surge hopper to C-102	021	C-107 to S-101
06	C-101 to triple deck screen No.1	022	C-105 to VSI Crusher No. 1
07	C-102 to triple deck screen No. 2	023	VSI Crusher No. 1 to C-104
08	Triple deck screen No.1 to secondary crusher No.1	024	C-104 to C-108
09	Triple deck screen No.2 to secondary crusher No.2	025	C-103 to C-108
010	Secondary crusher No.1 to C-103	026	Screening reclaim bin to C-108
011	Secondary crusher No. 2 to C-103	082	Hazemag 1620 Secondary Crusher No. 1
012	Triple deck screen No.1 to C-104	083	Hazemag 1620 Secondary Crusher No. 2
013	Triple deck screen No. 2 to C-104		

SECTION 1. GENERAL INFORMATION (DRAFT)

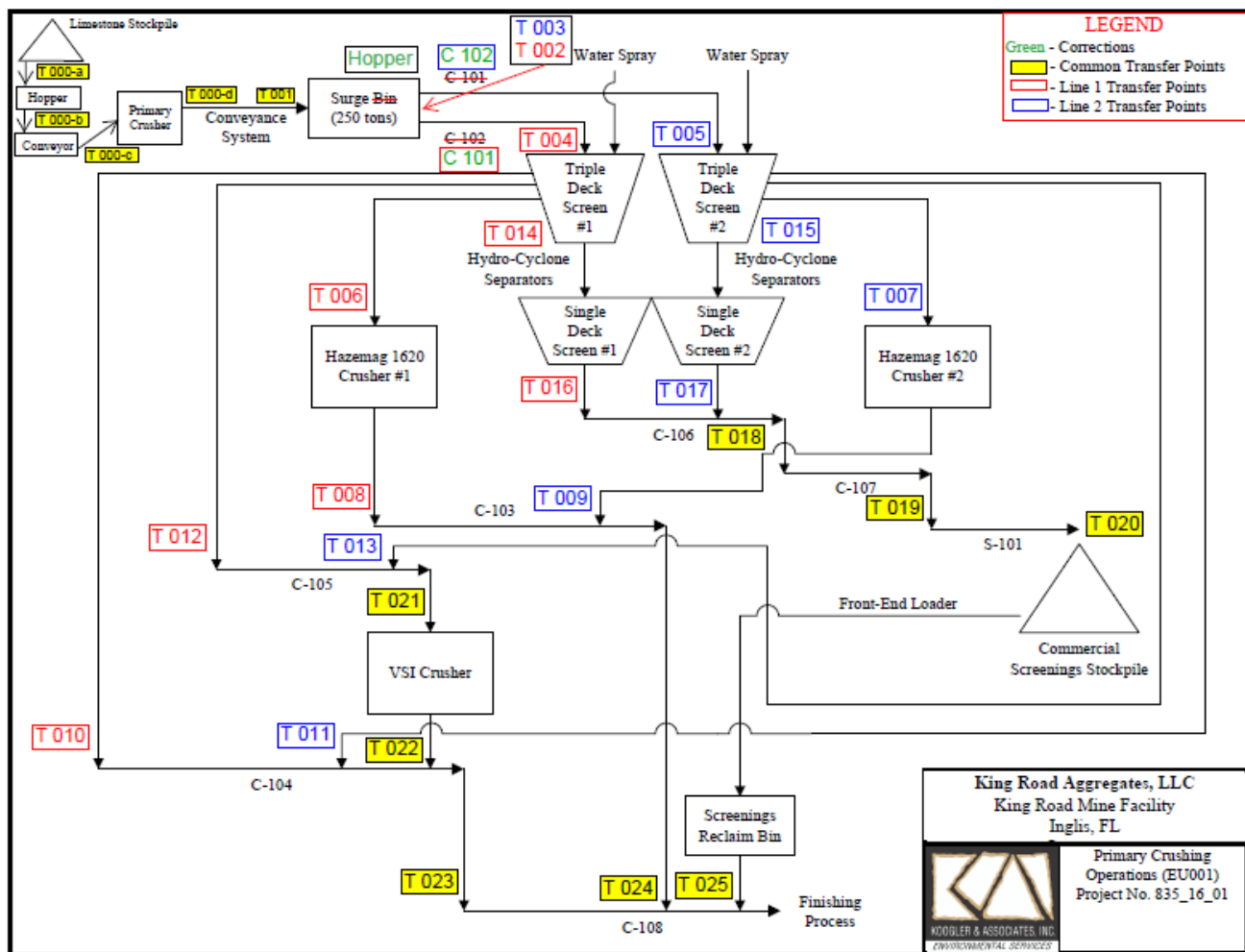
Finishing Operation Emissions Points			
Emissions Point (EP)	Description	Emissions Point (EP)	Description
027	C-108 to S-102	049	Triple deck screen No.1 &2 to Bin No.5
028	Surge pile to C-109	050	Bin No. 1 to C-113
029	Surge pile to C-110	051	Bin No. 1 to C-117
030	C-109 to four deck screen No. 1	052	Bin No. 2 to C-113
031	C-110 to four deck screen No. 2	053	Bin No. 2 to C-117
032	Four deck screen No. 1 to C-115	054	Bin No. 3 to C-117
033	Four deck screen No. 2 to C-116	055	Bin No. 3 to C-119
034	C-116 to triple deck screen No. 2	056	Bin No. 4 to C-117
035	C-115 to triple deck screen No. 1	057	Bin No. 4 to C-119
036	Triple deck screen No.1& 2 to C-112	058	Bin No. 5 to C-117
037	Four deck screen No.1&2 to C-111	059	Bin No. 5 to C-119
038	C-111 to surge bin (Bin No.6)	060	C-117 to C-118
039	Surge bin (Bin No.6) to C-113	061	C-118 to S-103
040	C-113 to VSI Crusher No. 2	062	C-119 to C-120
041	VSI Crusher No.2 to C-114	063	C-120 to S-104
042	C-114 to 2-way splitter	064	Dewatering screen No. 1 to C-121
043	2-way splitter to C-109	065	Dewatering screen No. 2 to C-121
044	2-way splitter to C-110	066	C-121 to S-105
045	Four deck screens Nos. 1 & 2 to Bin No.1	084	VSI Crusher No. 2
046	Four deck screens Nos. 1 & 2 to Bin No.2	085	Four deck screens Nos. 1 & 2 to Dewatering Screen No. 1
047	C-112 to Bin No.3	086	Four deck screens Nos. 1 & 2 to Dewatering Screen No. 2
048	Triple deck screen No.1 &2 to Bin No.4		

Load Out Operation Emissions Points			
Emissions Point (EP)	Description	Emissions Point (EP)	Description
067	Limestone stockpile No. 1 to C-122	073	Limestone stockpile No.2 to C-123
068	C-122 to C-124	074	C-123 to C-125
069	C-124 to triple deck screen No. 1	075	C-125 to triple deck screen No.2
070	Triple deck screen No. 1 to C-126	076	Triple deck screen No. 2 to C-127
071	C-126 to loadout bin No. 1	077	C-127 to loadout bin No.2
072	Loadout bin No. 1 to truck loadout No. 1	078	Loadout bin No. 2 to truck loadout No. 2

FACILITY REGULATORY CLASSIFICATION

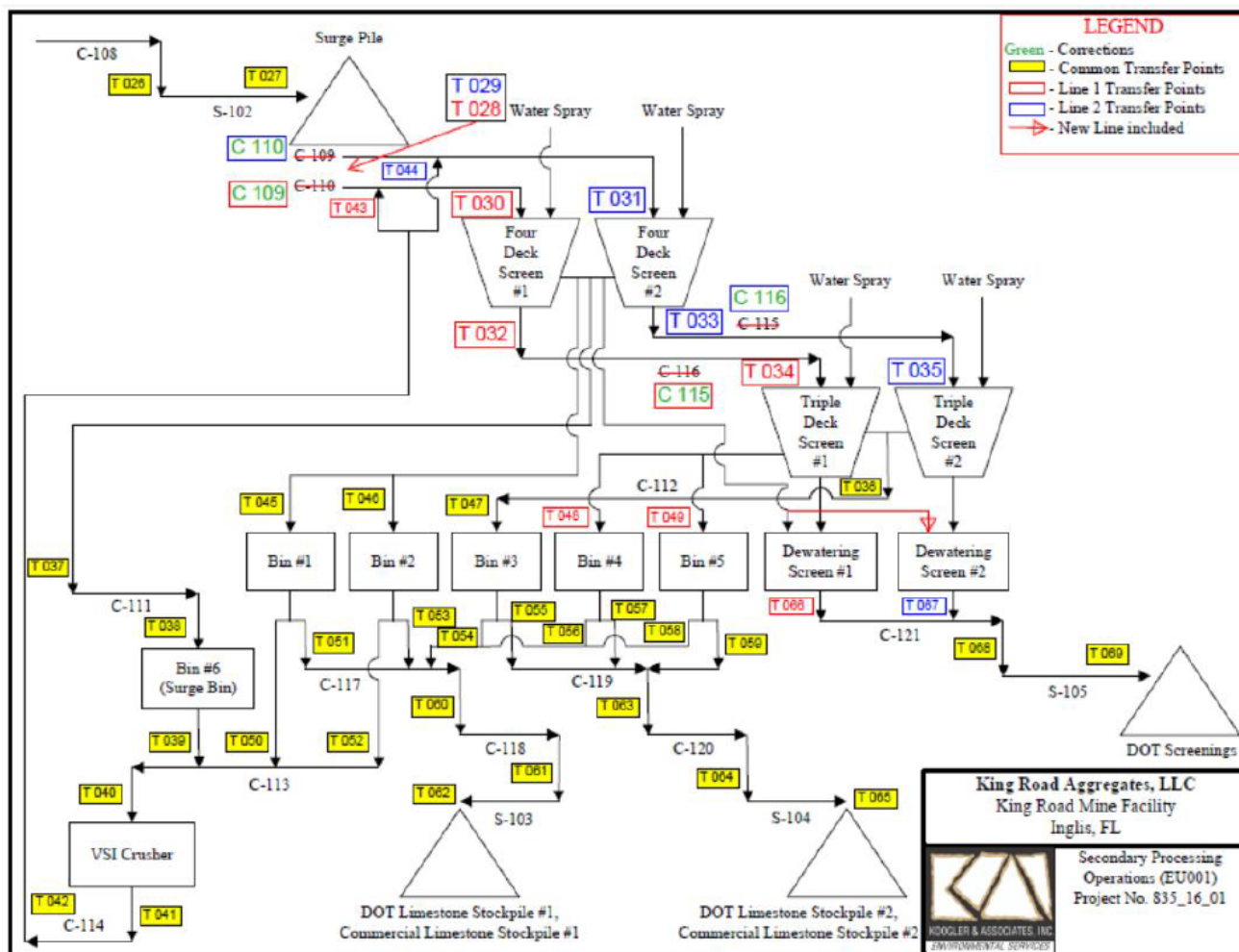
- The facility **is not** a major source of hazardous air pollutants (HAP).
- The facility **does not** operate units subject to the acid rain provisions of the Clean Air Act.
- The facility **is not** a Title V major source of air pollution in accordance with Chapter 213, F.A.C. The facility is a natural minor Non-Title V source.
- The facility **is not** a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Figure 1: Process flow diagram for Primary and Secondary Crushing Operations



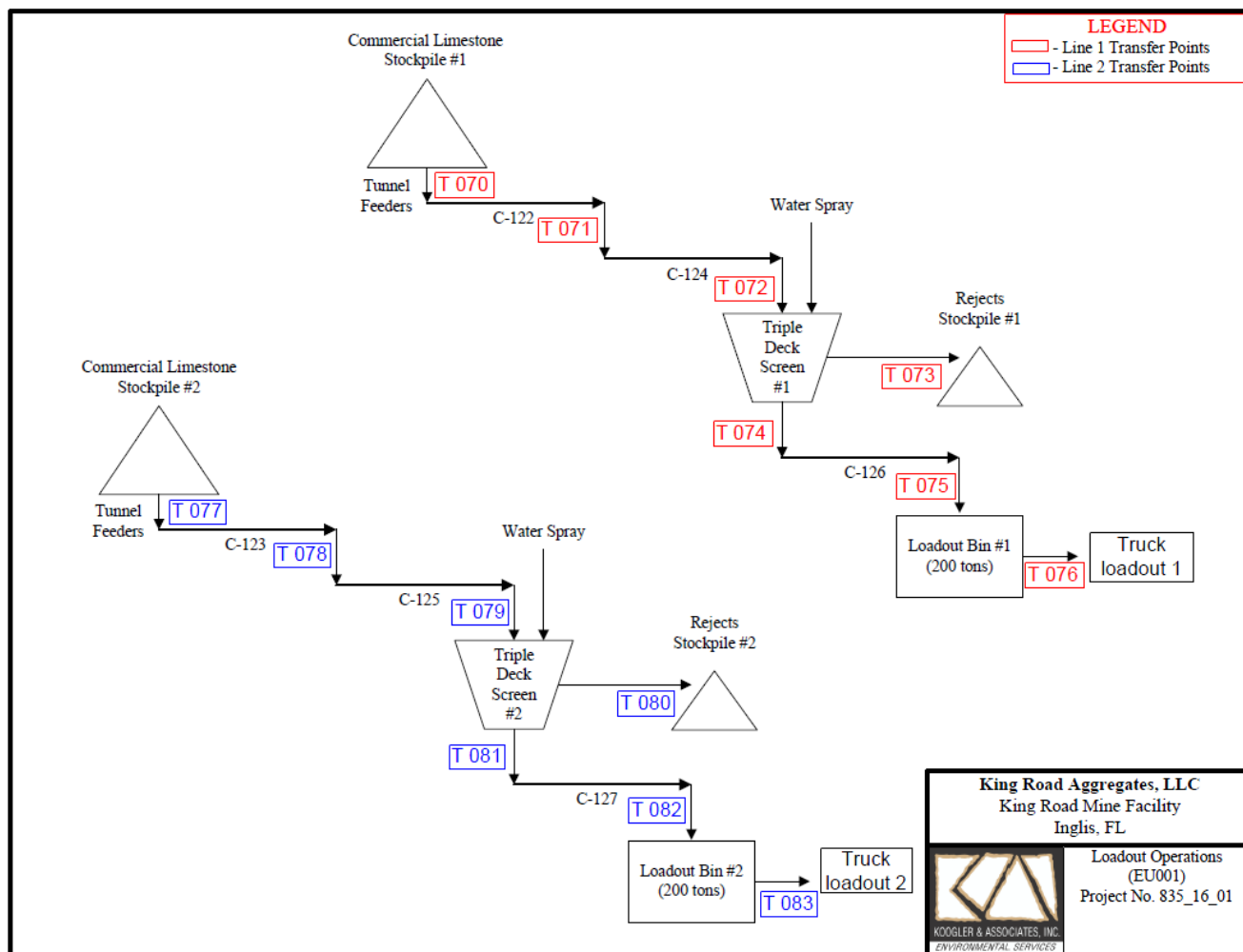
SECTION 1. GENERAL INFORMATION (DRAFT)

Figure 2: Process flow diagram for Finishing Operations



SECTION 1. GENERAL INFORMATION (DRAFT)

Figure 3: Process flow diagram for Loadout Operations



SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

1. Permitting Authority: The permitting authority for this project is the Northeast District Office, Permitting Program, of the Florida Department of Environmental Protection (Department). The Northeast District Office's mailing address is 8800 Baymeadows Way West, Suite 100, Jacksonville, Florida 32256. All documents related to applications for permits to operate an emissions unit shall be submitted to the Northeast District Office, Permitting Program. The Permitting Authority's telephone number is (904) 256-1700.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Northeast District Office, Compliance Assurance at: 8800 Baymeadows Way West, Suite 100, Jacksonville, Florida 32256. The Compliance Authority's telephone number is (904) 256-1700.
3. Appendices: The following Appendices are attached as part of this permit: Appendix A (Citation Formats and Glossary of Common Terms); Appendix B (General Conditions); Appendix C (Common Conditions); and Appendix D (Common Testing Requirements); Appendix E. 40 CFR 60 Subpart A – General Provisions; Appendix F. 40 CFR 60 Subpart OOO.
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.
[Rule 62-210.300, F.A.C.]
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. Construction and Expiration. The expiration date shown on the first page of this permit provides time to complete the physical construction activities authorized by this permit, complete any necessary compliance testing, and obtain an operation permit. Notwithstanding this expiration date, all specific emissions limitations and operating requirements established by this permit shall remain in effect until the facility or emissions unit is permanently shut down. For good cause, the permittee may request that that a permit be extended. Pursuant to Rule 62-4.080(3), F.A.C., such a request shall be submitted to the Permitting Authority in writing before the permit expires.
[Rules 62-4.070(4), 62-4.080 & 62-210.300(1), F.A.C.]

SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

8. Application for Operation Permit: This permit authorizes construction of the permitted emissions units and initial operation to determine compliance with Department rules. Subsequent to such construction and demonstration of compliance, the owner or operator of such facility or emissions unit shall obtain a revision of the existing air operation permit in accordance with all applicable provisions of this chapter and Chapter 62-4, F.A.C. The application shall be submitted to the appropriate Permitting Authority with copies to the Compliance Authority.

[Rule 62-210.300(2), F.A.C.]

SECTION 3. FACILITY-WIDE CONDITIONS (DRAFT)

1. Unconfined Emissions of Particulate Matter: 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. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:
 - a. Paving and maintenance of roads and parking areas.
 - 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 water to unpaved roads and open stock piles.
 - d. Removal of particulate matter from paved roads and/or other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate 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. Enclosure or covering of conveyor systems.
 - h. Reduction of stockpile height to mitigate wind entrainment of particulate matter from stockpiles.

In determining what constitutes reasonable precautions for a particular facility, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice and the degree of reduction of emissions expected from a particular technique or practice.

[Rule 62-296.320(4)(c), F.A.C.; Application No. 0750089-005-AC, Permit No. 0750089-001-AC]

2. Objectionable Odors Prohibited: No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

{Note: An objectionable odor is defined in Rule 62-210.200(Definitions), F.A.C., as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.}

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

3. Volatile Organic Compounds Emissions or Organic Solvents Emissions. No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

[Rule 62-296.320(1), F.A.C.]

SECTION 3. FACILITY-WIDE CONDITIONS (DRAFT)

4. General Visible Emissions. Except for emissions units (and emissions points) that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions elsewhere in this permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). If a special compliance test is required, the test method for visible emissions shall be EPA Method 9, incorporated and adopted by reference in Chapter 62-297, F.A.C.

[Rule 62-296.320(4)(b)1., F.A.C.]

5. Initial Startup Records: The Permittee shall maintain a record of the initial startup date of the Emissions Unit 001. The requirement under 40 CFR 60.7(a)(1) for notification of the date construction commenced is waived.

[40 CFR 60.676(h),(i), Rule 62-4.070, F.A.C.]

6. Initial Startup Date Reporting. The Permittee shall notify the Compliance Authority of the actual date of initial startup of Emissions Unit 001. The notification may be in writing or sent electronically within 15 days after such date: Christopher.Kirts@dep.state.fl.us.

[40 CFR 60.676(i), Rule 62-4.070, F.A.C.]

SECTION 4. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

Non-Metallic Mineral Processing Plant Operations

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	Non-Metallic Mineral Processing Plant Operations

PERFORMANCE RESTRICTIONS

Essential Potential to Emit (PTE) Parameters

- 1. Permitted Capacity:** Pursuant to 40 CFR 60.671, capacity is the cumulative rated capacity of all initial crushers that are part of the plant and is 2,300 tons/hour.
[Rules 62-4.070(3), 62-204.800, 62-210.200(PTE), F.A.C., Application No. 0750089-005-AC; Permit No. 0750089-001-AC]
- 2. Restricted Operation:** The hours of operation of this emissions unit are not limited (8,760 hours per year).
[Rules 62-4.070(3), 62-210.200(PTE), F.A.C.; Application No. 0750089-005-AC; Permit No. 0750089-001-AC]
- 3. Circumvention:** The permittee shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly.
[Rule 62-210.650, F.A.C.]

EMISSIONS STANDARDS

*{Permitting Note: Unless otherwise specified, the averaging times for **Specific Condition 6.** is based on the specified averaging time of the applicable test method.}*

- 4. NSPS, 40 CFR 60, Subpart OOO Applicability:** Each crusher, grinding mill, screen operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station are affected facilities and is subject to the provisions of 40 CFR 60 Subpart OOO.

Pursuant to 40 CFR 60.670(a)(2), the provisions of 40 CFR 60 Subpart OOO do not apply to wet material processing operations as defined in 40 CFR 60.671.

Wet material processing operation(s) means any of the following:
 - (1) Wet screening operations (as defined in 40 CFR 60.671) and subsequent screening operations, bucket elevators and belt conveyors in the production line that process saturated materials (as defined in 40 CFR 60.671) up to the first crusher, grinding mill or storage bin in the production line; or
 - (2) Screening operations, bucket elevators and belt conveyors in the production line downstream of wet mining operations (as defined in 40 CFR 60.671) that process saturated materials (as defined in 40 CFR 60.671) up to the first crusher, grinding mill or storage bin in the production line.

SECTION 4. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

Non-Metallic Mineral Processing Plant Operations

Pursuant to 40 CFR 60.671, a transfer point does not include transfer of the nonmetallic mineral to a stockpile.

Transfer point means a point in a conveying operation where the nonmetallic mineral is transferred to or from a belt conveyor except where the nonmetallic mineral is being transferred to a stockpile.

[40 CFR 60.670(a)(1),(2); 40 CFR 60.671(definitions), Rule 62-204.800(8), F.A.C.]

5. 40 CFR 60, Subpart A-General Provision: Table 1 of 40 CFR 60 Subpart OOO specifies the provisions of Subpart A of this part 60 that do not apply to owners and operators of affected facilities subject to 40 CFR 60 Subpart OOO or that apply with certain exceptions. *Refer to Appendix F. 40 CFR 60 Subpart OOO.*

[40 CFR 60.670(f), Rule 62-204.800(8), F.A.C.]

6. Particulate Matter Emissions: Within 60 days after achieving the maximum production rate at which the emissions point will be operated, but not later than 180 days after initial startup as required under 40 CFR 60.11, each emissions point must meet the following fugitive emission limits:

Primary and Secondary Crushing Operations Emissions Points			
Emissions Point	Description	Equipped with Water Spray	Fugitive Emissions Limit
079	Limestone stockpile to Hopper	N	7 percent opacity ¹
080	Hopper to Conveyor	N	
081	Conveyor to Primary Crusher	N	
02	Primary crusher to King Road Mine Conveyor	N	
03	King Road Mine Conveyor to Surge hopper	N	
04	Surge hopper to C-101	N	
05	Surge hopper to C-102	N	
06	C-101 to triple deck screens No. 1	Y	
07	C-102 to triple deck screens No. 2	Y	
08	Triple deck screen No. 1 to Secondary Crusher No. 1	N	
09	Triple deck screen No. 2 to Secondary Crusher No. 2	N	
010	Secondary crusher No. 1 to C-103	N	
011	Secondary crusher No. 2 to C-103	N	
012	Triple deck screens No. 1 to C-104 ³	N	
013	Triple deck screens No. 2 to C-104 ³	N	
014	Triple deck screens No. 1 to C-105 ³	N	

SECTION 4. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)**Non-Metallic Mineral Processing Plant Operations**

015	Triple deck screens No. 2 to C-105 ³	N	
016	Hydro-cyclone separators to single deck screen No. 1 ³	Y	
017	Hydro-cyclone separators to single deck screen No. 2 ³	Y	
018	Single deck screen No. 1 to C-106 ³	N	
019	Single deck screen No. 2 to C-106 ³	N	
020	C-106 to C-107 ³	N	
021	C-107 to S-101 ³	N	
022	C-105 to VSI Crusher No. 1	N	
023	VSI Crusher No. 1 to C-104	N	
024	C-104 to C-108	N	
025	C-103 to C-108	N	
026	Screenings reclaim bin to C-108	N	
01	Primary Crusher	N	12 percent opacity ²
082	Hazemag 1620 Secondary Crusher No.1	N	
083	Hazemag 1620 Secondary Crusher No.2	N	

Finishing Operation Emissions Points			
Emissions Point	Description	Equipped with Water Spray	Fugitive Emissions Limit
027	C-108 to S-102	N	7 percent opacity ¹
028	Surge Pile to C-109	N	
029	Surge pile to C-110	N	
030	C-109 to four deck screens No. 1	Y	
031	C-110 to four deck screens No. 2	Y	
032	Four deck screens No. 1 to C-115	N	
033	Four deck screens No. 2 to C-116	N	
034	C-115 to triple deck screens No. 1	Y	
035	C-116 to triple deck screens No. 2	Y	
036	Triple deck screens Nos. 1 & 2 to C-112	N	
037	Four deck screens Nos. 1 & 2 to C-111	N	

SECTION 4. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)**Non-Metallic Mineral Processing Plant Operations**

038	C-111 to surge bin (Bin No. 6)	N	
039	Surge bin (Bin No. 6) to C-113	N	
040	C-113 to VSI Crusher No. 2	N	
041	VSI Crusher No. 2 to C-114	N	
042	C-114 to 2-way splitter	N	
043	2-way splitter to C-109	N	
044	2-way splitter to C-110	N	
045	Four deck screens Nos. 1 & 2 to Bin No. 1	N	
046	Four deck screens Nos. 1 & 2 to Bin No. 2	N	
047	C-112 to Bin No. 3	N	
048	Triple deck screens Nos. 1 & 2 to Bin No. 4	N	
049	Triple deck screens No. 1 to Bin No. 5	N	
050	Bin No. 1 to C-113	N	
051	Bin No. 1 to C-117	N	
052	Bin No. 2 to C-113	N	
053	Bin No. 2 to C-117	N	
054	Bin No. 3 to C-117	N	
055	Bin No. 3 to C-119	N	
056	Bin No. 4 to C-117	N	
057	Bin No. 4 to C-119	N	
058	Bin No. 5 to C-117	N	
059	Bin No. 5 to C-119	N	
060	C-117 to C-118	N	
061	C-118 to S-103	N	
062	C-119 to C-120	N	
063	C-120 to S-104	N	
064	Dewatering screen Nos. 1 to C-121	N	
065	Dewatering screen Nos. 2 to C-121	N	
066	C-121 to S-105	N	
085	Four deck screens Nos. 1 & 2 to Dewatering Screen No. 1	N	

SECTION 4. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

Non-Metallic Mineral Processing Plant Operations

086	Four deck screens Nos. 1 & 2 to Dewatering Screen No. 2	N	
084	VSI Crusher No. 2	---	12 percent opacity ²

Loadout Operation Emissions Points			
Emissions Point	Description	Equipped with Water Spray	Fugitive Emissions Limit
067	Limestone stockpile No. 1 to C-122	N	7 percent opacity ¹
068	C-122 to C-124	N	
069	C-124 to triple deck screen No.1	Y	
070	Triple deck screen No. 1 to C-126	N	
071	C-126 to loadout bin No. 1	N	
072	Loadout bin No. 1 to truck loadout No.1	N	
073	Limestone stockpile No. 2 to C-123	N	
074	C-123 to C-125	N	
075	C-125 to triple deck screen No. 2	Y	
076	Triple deck screen No. 2 to C-127	N	
077	C-127 to loadout bin No. 2	N	
078	Loadout bin No. 2 to truck loadout No.2	N	

¹ For grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in §§60.670 and 60.671.

² For crushers at which a capture system is not used.

[40 CFR 60.672(b); Table 3 of 40 CFR 60 Subpart OOO, Rule 62-204.800(8), F.A.C.]

7. **Truck Dumping:** Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of 40 CFR 60.672 [**Specific Condition 6.**]

[40 CFR 60.672(d)]

MONITORING

8. **Wet Suppression Monitoring:** Any affected facility (emissions point) that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system.

Corrective action must be initiated within 24 hours and completed as expediently as practical if it is found that water is not flowing properly during an inspection of the water spray nozzles. Each inspection of the water spray nozzles must be recorded, including the date of each inspection and any corrective actions taken, in the logbook required under **Specific Condition 17.**

SECTION 4. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

Non-Metallic Mineral Processing Plant Operations

- (1) If an affected facility relies on water carryover from upstream water sprays to control fugitive emissions, then that affected facility is exempt from the 5-year repeat testing requirement specified in Table 3 of 40 CFR 60 Subpart OOO provided that the affected facility meets the criteria in paragraphs (1)(i) and (ii) of this Specific Condition:
 - (i) Periodic inspections of the upstream water spray(s) that are responsible for controlling fugitive emissions from the affected facility shall be conducted. These inspections are conducted according to the above introduction paragraph of this Specific Condition and **Specific Condition 17**. and
 - (ii) The upstream water spray(s) that will be periodically inspected shall be designated at the time of the initial performance test required under 40 CFR 60.11 and 40 CFR 60.675.
- (2) If an affected facility that routinely uses wet suppression water sprays ceases operation of the water sprays or is using a control mechanism to reduce fugitive emissions other than water sprays during the monthly inspection (for example, water from recent rainfall), the logbook entry required under **Specific Condition 17**. must specify the control mechanism being used instead of the water sprays.

[40 CFR 60.674(b), Rule 62-204.800(8), F.A.C.]

TESTING REQUIREMENTS

9. **Initial Compliance Tests:** Each affected emissions point shall be tested to demonstrate initial compliance with the fugitive emissions standards stated in **Specific Condition 6**. The initial tests shall be conducted within 60 days after achieving the maximum production rate at which the affected emissions point will be operated, but not later than 180 days after initial startup as required under 40 CFR 60.11.
[Table 3 of 40 CFR 60 Subpart OOO, 40 CFR 60.672(b); Rules 62-4.070(3) and 62-297.310(8)(b)1, F.A.C.]
10. **Repeat Compliance Tests:** A repeat performance test shall be conducted according to 40 CFR 60.11 and 40 CFR 60.675 within 5 years from the previous performance test for fugitive emissions from affected facilities (emissions points) without water sprays. Affected facilities (emissions points) controlled by water carryover from upstream water sprays that are inspected according to the requirements in **Specific Condition 8**. and **Specific Condition 17**. are exempt from this 5-year repeat testing requirement.
[Table 3 of 40 CFR 60 Subpart OOO, Rule 62-297.310(8)(a)1, F.A.C.]
11. **Compliance Test Requirements:** The permittee shall notify the Compliance Authority 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(9), F.A.C.]
12. **Test Methods:** Required tests shall be performed in accordance with the following reference methods, the procedures in 40 CFR 60.11, with the additions stated in **Specific Condition 13**.:

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-4 of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department.

[Rule 62-204.800, F.A.C.; Appendix A-4 of 40 CFR 60, 40 CFR 60.675(c)]

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13. Test Methods- Additions:

- (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).
- (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (*e.g.*, road dust). The required observer position relative to the sun (Method 9 of Appendix A-4 of Part 60, Section 2.1) must be followed.
- (iii) For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

[40 CFR 60.675(c)(1)(i)-(iii), Rule 62-204.800, F.A.C.]

14. Test Method Alternatives: The owner or operator may use the following as alternatives to the specified reference methods and procedures:

- (1) For the method and procedure of **Specific Conditions 12. and 13.**, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:
 - (i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.
 - (ii) Separate the emissions so that the opacity of emissions from each affected facility can be read.
- (2) A single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:
 - (i) No more than three emission points may be read concurrently.
 - (ii) All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.
 - (iii) If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point

[40 CFR 60.675(e)(1), (2); Rule 62-204.800, F.A.C.]

15. Compliance Test Duration: The duration of the EPA Method 9 (40 CFR Part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of 40 CFR 60 Subpart OOO must be based on the average of the five 6-minute averages.

[40 CFR 60.675(c)(3); Rule 62-204.800, F.A.C.]

NOTIFICATION REQUIREMENTS

16. Notification of Initial Startup Date: The Permittee shall notify the Compliance Authority of the actual date of initial startup of Emissions Unit 001. The notification may be in writing or sent electronically within 15 days after such date: Christopher.Kirts@dep.state.fl.us.

For a combination of emissions points in a production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the Permittee to the Compliance Authority. The

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notification shall be postmarked within 15 days after such date and shall include a description of each affected emissions point, equipment manufacturer, and serial number of the equipment, if available.

[40 CFR 60.676(i), Rule 62-204.800, F.A.C., Rule 62-4.070(3) F.A.C.]

RECORDKEEPING REQUIREMENTS

17. Periodic Inspection Records. Each periodic inspection required under **Specific Condition 8.** must be recorded, including dates and any corrective actions taken, in a logbook (in written or electronic format). The owner or operator must keep the logbook onsite and make hard or electronic copies (whichever is requested) of the logbook available to the Administrator upon request.

[40 CFR 60.676(b)(1); Rule 62-204.800, F.A.C.]

REPORTING REQUIREMENTS

18. Compliance Test Report. A written test report of the results of each compliance test required by **Specific Conditions 9. and 10.** shall be submitted to the Compliance Authority as soon as practicable but no later than 45 days after the last run of each test has been completed. Test reports may be submitted electronically.

[40 CFR 60.676(f); Rule 62-297.310(10), F.A.C.]

19. Saturated to Unsaturated Materials Processing Report. The owner or operator of any wet material processing operation that processes saturated and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. At the time of such change, this screening operation, bucket elevator, or belt conveyor becomes subject to the applicable opacity limit in **Specific Condition 6.** and the emission test requirements of 40 CFR 60.11.

[40 CFR 60.676(g)]