

**NONMETALLIC MINERAL PROCESSING PLANTS (CRUSHERS)
AIR GENERAL PERMIT REGISTRATION FORM**

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

7775668-001

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- ☒ Construct and operate a proposed new facility.
- ☐ Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- ☐ Continue operating the facility after expiration of the current term of air general permit use.
- ☐ Continue operating the facility after a change of ownership.
- ☐ Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- ☐ All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

- ☐ No air operation permits currently exist for this facility.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

5 Stones Mine, LLC

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)

5 Stones Mine

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: SR 98/US 441, 2 miles south of Port Mayaca

City: Port Mayaca

County: Palm Beach

Zip Code:

Facility Start-Up Date (Estimated start-up date of proposed **new** facility.)(N/A for existing facility)

March 1, 2011

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ENVIRONMENTAL PROTECTION

Owner/Authorized Representative

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Steve Smith, President 5 Stones Mine, LLC

Owner/Authorized Representative Mailing Address

Organization/Firm: 5 Stones Mine, LLC

Street Address: 2400 S. Federal Hwy, Suite 210

City: Stuart

County: Martin

Zip Code: 34994

Owner/Authorized Representative Telephone Numbers

Telephone: (772) 223-0037

Fax: (772) 463-1073

Cell phone (optional):

Facility Contact (If different from Owner/Authorized Representative)

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Ted Stowe, Quarry Manager

Facility Contact Mailing Address

Organization/Firm: same as above

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone: (239) 253-2136

Fax:

Cell phone (optional):

Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form.

Signature

Steve Smith Pres.

Date

1.14.11

Type of Facility

Check one:

☐ Stationary Facility☒ Relocatable Facility**Type(s) of Precautions Used to Prevent Unconfined Emissions**

Check all that apply for the management of roads, parking areas, stock piles and yards:

☒ Maintain Roads/Parking/Yards☒ Use Water Application☐ Use Dust Suppressant☐ Remove Particulate Matter☒ Reduce Stock Pile Height☐ Install Wind Breaks

Check the location of spray bars at the nonmetallic mineral processing plant:

☐ Feeders☐ Entrance to "Crusher"☐ Exit of "Crusher"☒ Classifier Screens☐ Conveyor Drop Points**Description of Reasonable Precautions**

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility.

The limestone is mined wet and will have considerable moisture when processed, this fact alone will go a long way to minimize emissions. There is a wash screen in the plant to wash material and dust suppression will be used on the plant where necessary to prevent fugitive dust within the processing plant. There is also a 5,000 gallon water truck which will be used as necessary to suppress fugitive dust off roadways. The entrance road into the facility has been treated with asphalt emulsions to also aid in dust suppression.

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Description of Facility

Below, or as an attachment to this form, provide a description of the nonmetallic mineral processing operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

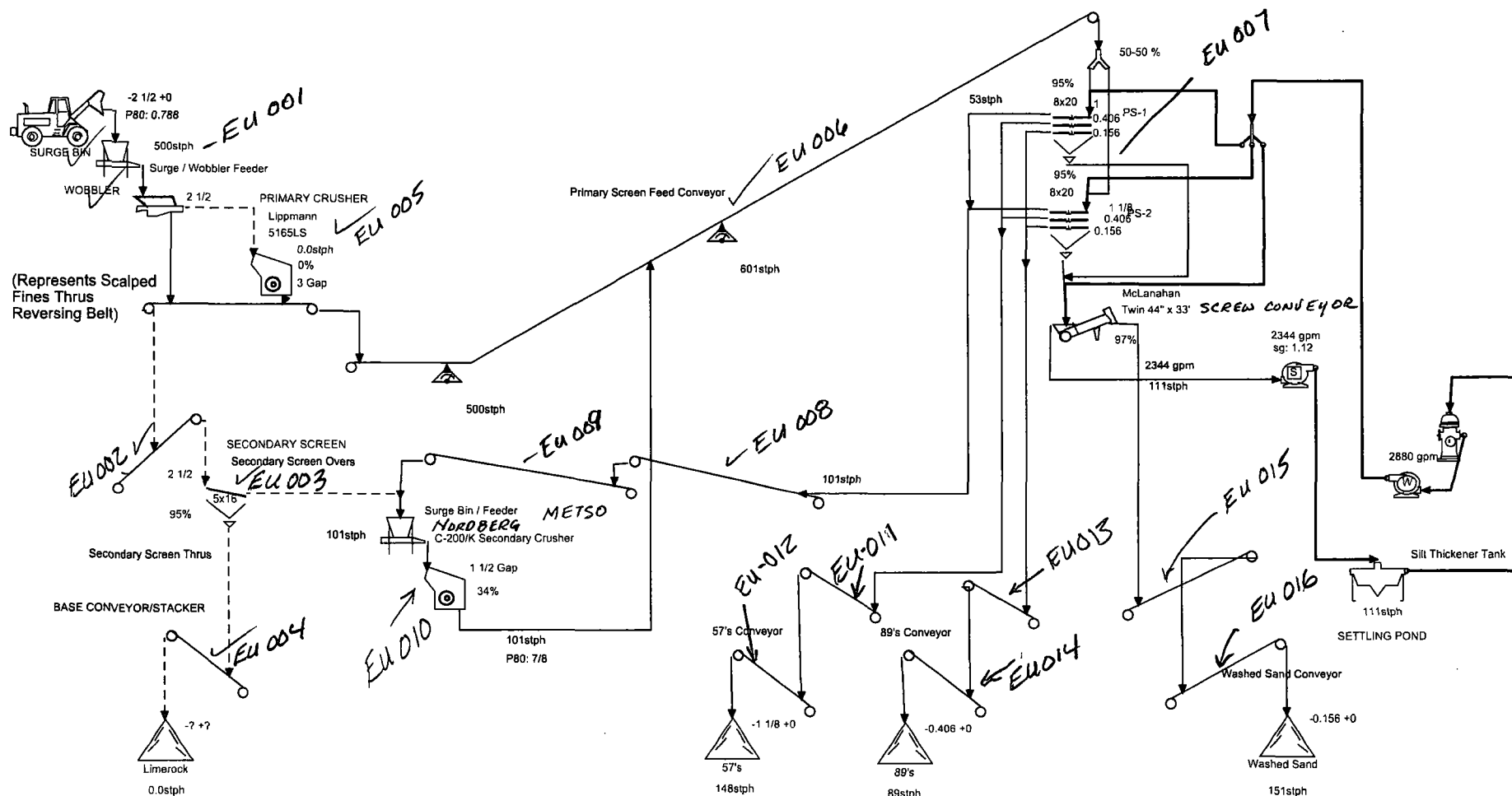
As per the attached plant flow diagram, the processing equipment to be used is standard within the aggregates industry. The plant is to be installed on concrete blocks to allow mobility, except for the dump hopper which will be fixed.

Mined material will be hauled by oversized trucks to the feed-hopper. Once dumped, over-sized material will be carried over a wobbler feeder and into a 51"x65" primary impact crusher; undersized material will fall through the wobbler and onto a conveyor which will feed a 5'x16' dry screen and a Hazmag crusher. Wet suppression will be used on the crusher if opacity exceeds the standards.

The oversized material from the primary crusher will be conveyed to a 8'x20' flat wash screen. The larger sized material will be conveyed to the Hazmag crusher and the undersized material will be conveyed to finished product stockpiles. The smallest-sized material from the wash screen will go to twin sand screws or waste and will be saturated. The waste fines will be pumped into a mined out quarry lake as per the General Industrial Waste permit.

Process equipment will have ID's painted on them to help identify original equipment vs. replacement equipment.

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Mode: *Mode 3 - 3x0 Feed - 1 Primary Screen

Run: 1/11/11 12:14:34

Calculation results may differ due to variations in operating conditions and application of crushing and screening equipment. This information does not constitute an express or implied warranty, but shows results of calculations based on information provided by customers or equipment manufacturers. Use this information for estimating purposes only.

All calculations performed by AggFlow. <http://www.AggFlow.com>

CWA ENGINEERS

MED Aggregate Plant Project

Palm Beach County Florida (Flow Sheet Rev 2)

Date: January/11/2011