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 DEPARTMENT OF AIR  
 RESOURCE MANAGEMENT

**NONMETALLIC MINERAL PROCESSING PLANT (CRUSHER)  
 AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET**

MM4820-003-AB

**Facility Identification Number - If known** (seven digit number)

7774820

**Registration Type**

Check one:

**INITIAL REGISTRATION** - Notification of intent to:

Construct and operate a proposed new facility.

Operate an existing permitted 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). 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. (See "Surrender of Existing Air Operation Permit(s)" below.)

Operates an existing facility not currently permitted or using 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.

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 Applicable**

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

N/A

**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.)  
Midcoast Aggregates, Inc.

**Site Name** (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a complete registration must be submitted for each.)  
Phase B Portable Crusher

**Facility Location** (Physical location of the facility, not necessarily the mailing address.)  
 Street Address: 7000 SR 50  
 City: Webster County: Sumter Zip Code: 33597

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

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**Facility Contact**

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

Print Name and Title: **Billy Barnes, Mine Manager**

Facility Contact Telephone Numbers

Telephone: **352-563-0422**

Fax: **352-569-0425**

Cell phone: **352-303-2546**

E-mail: **bbarnes@mcagg.com**

Facility Contact Mailing Address

Organization/Firm: **Midcoast Aggregates, Inc.**

Mailing Address: **7000 SR 50**

City: **Webster**

County: **Sumter**

Zip Code: **33597**

**Other Contact/Representative (to serve as additional Department contact)**

Name and Position Title

Print Name and Title: **Tammy Reed, Environmental Scientist**

Other Contact/Representative Telephone Numbers

Telephone: **352-377-5822**

Fax: **352-377-7158**

Cell phone: \_\_\_\_\_

E-mail: **treed@kooglerassociates.com**

Other Contact/Representative Mailing Address

Organization/Firm: **Koogler and Associates, Inc.**

Mailing Address: **4014 NW 13<sup>th</sup> Street**

City: **Gainesville**

County: **Alachua**

Zip Code: **32609**

**Government Facility Code (check only one)**

- Facility not owned or operated by a federal, state, or local government.
- Facility owned or operated by the federal government.
- Facility owned or operated by the state.
- Facility owned or operated by the county.
- Facility owned or operated by the municipality.
- Facility owned or operated by a water management district.

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**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

**Emission Unit Details**

COMPONENT DESCRIPTION (e.g. primary, secondary crusher, screener, conveyor, RICE* engine and fuel type, etc.)	MANUFACTURER	DATE OF MANUFACTURE	MODEL NUMBER	SERIAL NUMBER	RATED CAPACITY (tons/hr, hp)	SUBJECT TO 40 CFR, PART 60, SUBPART 000 (Yes or No)**
Crusher	MGL	2009	52" x 60"	PJ3254DS102	1500 TPH	YES
Engine	Cummings Diesel	2009	372	37212470	700 HP	NO
<b>Conveyor Belts</b>						
Underbelt	--	2009	N/A	N/A	60 in.	YES
Stackerbelt	--	2009	N/A	N/A	48 in.	YES
Roller Underbelt	--	2009	N/A	N/A	48 in.	YES
Short Belt	--	2009	N/A	N/A	48 in.	YES
Generator	Cummings	2009	QSL9-G2	46976533	331 HP	NO
Wobbler System		2009				NO

**Notes:**

- For identification purposes, the stacker belt goes up to 75 feet.
- The Crusher is a package unit that includes the belt conveyors.
- The rated capacity is 1500 tph; however, process rates vary depending on the type of material being crushed. The crusher typically crushes limestone at 700 tph.
- The wobbler system scalps the rock. It is a series of steel rollers with lobes that carry the stone to the jaw crusher. It is not a belt system and therefore not subject to 40 CFR 60, Subpart 000.

\*RICE: Reciprocating Internal Combustion Engine

\*\*NMMP Facilities subject to Subpart 000:

Stationary sand and gravel plants with a machine (or a maximum) rated capacity greater than 150 tons per hour  
 Portable sand and gravel plants with a machine (or a maximum) rated capacity greater than 25 tons per hour  
 Clay and pumice plants with a machine (or a maximum) rated capacity greater than 10 tons per hour

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## Description of Facility

Below, or as an attachment to this worksheet, provide a description of the nonmetallic mineral processing plant 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 material(s) processed, all air pollutant-emitting processes, and identify any air pollution control measures used. Mobile source equipment information is not needed (eg.: trucks, bulldozers, front-end loaders, etc.)

**The facility meets the Eligibility Requirements specified in Rule 62-210.310(2) F.A.C. The facility meets the fuel usage requirements specified in Rule 62-210.310(5)(e) F.A.C.**

**Compliance testing for visible emissions was last conducted on 2/7/2012.**

**The crusher processes material from onsite natural deposits. The mined material is typically wet, which assists in preventing unconfined particulate matter emissions. A water suppression system with spray bars is not needed to control unconfined emissions at the feeder, the entrance and exit of the crusher, the classifier screens, or the drop points pursuant to Rule 62-210-310(5)(e) F.A.C.**

## Helpful Definitions:

**"Capacity"** – Per 40 CFR 60.671, the cumulative rated capacity of all initial crushers that are part of the plant.

**"Department" or "DEP"** - The State of Florida Department of Environmental Protection.

**"Emissions Unit"** - Any part or activity of a facility that emits or has the potential to emit any air pollutant.

**"Facility"** - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).

**"Owner" or "Operator"** - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.

**"Nonmetallic Mineral Processing Plant"** – Per 40 CFR 60.671, any combination of equipment that is used to crush or grind any nonmetallic mineral wherever located, including lime plants, power plants, steel mills, asphalt concrete plants, portland cement plants or any other facility processing nonmetallic minerals except as provided in 40 CFR §60.670 (b) and (c).

**"Relocatable Facility"** - A facility such as, but not limited to, an asphalt plant, portable power generator, or relocatable nonmetallic mineral processing plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in essentially the same configuration. It shall not be operable while in transit.

**"Screening Operation"** – Per 40 CFR 60.671, a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series and retaining oversize material on the mesh surfaces (screens). Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.

**"Size"** – Per 40 CFR 60.671, the rated capacity in tons per hour of a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station; the total surface area of the top screen of a screening operation; the width of a conveyor belt; and the rated capacity in tons of a storage bin.

**"Unconfined Emissions"** - Emissions which escape and become airborne from unenclosed operations or which are emitted into the atmosphere without being conducted through a stack.

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STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY DIVISION



4014 NW 13th STREET  
GAINESVILLE, FL 32609-1923  
352/377-5822 ■ FAX/377-7158

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October 10, 2012  
OCT 16 2012  
DIVISION  
SOURCE MANAGEMENT

Mr. Doug Thornton  
Florida Department of Environmental Protection  
Receipts  
PO Box 3070  
Tallahassee, Florida 32315-3070

**Re: Air General Permit Registration Renewal, Facility No. 7774820  
Midcoast Aggregates – Webster Phase B Portable Crusher  
Webster, Sumter County, Florida**

Dear Mr. Thornton:

Please find enclosed an Air General Permit Registration Worksheet and a check for the **\$100** processing fee for the above referenced facility. The current registration 7774820-002-AG will expire November 18, 2012.

Please provide confirmation of the coverage under the Air General Permit to me via email or in written form. If you require additional information or have any questions regarding this permit registration renewal, please contact me at 352.377.5822 or [treed@kooglerassociates.com](mailto:treed@kooglerassociates.com).

Best regards,

Tammy L. Reed  
Environmental Scientist

Enclosure

/tlr

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ENVIRONMENTAL PROTECTION  
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# NONMETALLIC MINERAL PROCESSING PLANTS (CRUSHERS)

## Air General Permit Example Registration Worksheet

The Department of Environmental Protection (“Department” or “DEP”) has established an “air general permit” at Florida Administrative Code (“F.A.C.”) Rule 62-210.310(5)(e) for nonmetallic mineral processing plants. An air general permit is an authorization by rule to construct or operate a specific type of air pollutant emitting facility. Use of such authorization by any individual facility does not require action by the Department. The terms and conditions of the air general permit are set forth in the rule, rather than in a separately issued air construction or air operation permit.

If you are the owner or operator of an eligible facility comprising one or more nonmetallic mineral processing plants, you may register to use the air general permit at Rule 62-210.310(5)(e), F.A.C., by following the general procedures given at subsections 62-210.310(2) and 62-210.310 (3), F.A.C. To register, use the Department’s electronic registration system (currently under development) or submit all the information specified in the above rules to either of the following addresses, along with the air general permit registration processing fee (\$100.00), payable to FDEP.

### Regular USPS Mail Delivery

Department of Environmental Protection  
Receipts  
Post Office Box 3070  
Tallahassee, Florida 32315-3070

or

### Overnight Delivery (FedEx, UPS, DHL, etc.)

Department of Environmental Protection  
3800 Commonwealth Blvd.  
Mail Station 77  
Tallahassee, Florida 32399

If you properly register to use an air general permit, and are not denied use of the air general permit by the Department, you are authorized to construct and operate the facility in accordance with the general terms and conditions of Rule 62-210.310, F.A.C., and the specific terms and conditions of Rule 62-210.310(5)(e), F.A.C. Your facility may vary, so be sure your registration describes the operations at your facility in sufficient detail to demonstrate the facility’s eligibility for use of the air general permit and to provide a basis for tracking any future equipment or process changes. Your registration should describe all air pollutant-emitting processes and equipment at the facility, and it should identify any air pollution control measures or equipment used.

The rules do not require any specific format for the registration. This worksheet, however, has been designed to assist owners and operators. Using it as a template for a general permit registration will help ensure that all necessary information is submitted.

Additional information can be found on the Department’s air general permit program website ([http://www.floridadep.org/air/emission/air\\_gp.htm](http://www.floridadep.org/air/emission/air_gp.htm)) or by calling the Small Business Environmental Assistance Program Hotline at 1-800-SBAP-HLP (1-800-722-7457).

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