

RECEIVED

JUL 23 2013

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

AIR  
RESOURCE MANAGEMENT

Facility Identification Number - If known (seven digit number)

4410420 - 008-AG

7770420

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):

\_\_\_\_\_

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.)  
Paw Materials, 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.)  
\_\_\_\_\_

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

Street Address: 6640 State Road 52 West

City: Hudson

County: Pasco

Zip Code: 34667-6764

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

N/A

**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: Ron Wohlfel, President

Facility Contact Telephone Numbers

Telephone: 813-920-7610 ext 115

Fax: 813-792-1936

Cell phone: 813-920-7610

E-mail: ronjw@pawmaterials.com

Facility Contact Mailing Address

Organization/Firm: PAW Materials, Inc.

Mailing Address: 6640 State Road 52 W

City: Hudson

County: Pasco

Zip Code: 34667

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

Name and Position Title

Print Name and Title: \_\_\_\_\_

Correspondence Contact/Representative Telephone Numbers

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

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

E-mail: \_\_\_\_\_

Correspondence Contact/Representative Mailing Address

Organization/Firm: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_

County: \_\_\_\_\_

Zip Code: \_\_\_\_\_

**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.

**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)**
See Attachment 1						

\*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

### 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.)

See Attachment 2

### 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.

# NOTES

## ATTACHMENT 1

	MANUFACTURE	YEAR	MODEL #	SERIAL #
PRIMARY	PEGASON	1998	26x44	AX63071 P117
SECONDARY	BOHRINGER	1984	AC 10	124 / 337
SCREEN	MBL	2004	TRIPLE DECK	PAW 616 30
ENGINE	CAT	2003	3306	08241213
	<u>RATED CAPACITY</u>			
PRIMARY	200 TONS PER HR			
SECONDARY	200			

## Attachment 2

The unit is a Steadman Machine Company, Model No. 4260H, Grand Slam Material Crushing/Processing Plant that processes nonmetallic minerals (materials) such as reclaimed asphalt, gravel, and concrete.

1. Material received from trucks is dumped on the ground in outdoor storage piles.
2. Emission Point Number 1:
  - A. Material from the outdoor storage piles is transferred by front-end loader to a vibrating grizzly Feeder.
3. Emission point number 1, top of crusher: From the bottom of the Grizzly Feeder the material is transferred directly (dropped) into the top of a crusher.
4. Emission Point Number 2: From the bottom of the crusher the material drops onto Conveyor Belt No. 1.
5. Emission Point Number 3: Conveyor Belt No. 1 transfers the material to outdoor storage piles, to conveyor belt No. 2, or to a rotating screener.
6. Emission Point Number 4: Conveyor Belt No. 2 transfers the material to outdoor storage piles or to a rotating screener.
7. Emission Point Number 5: Material from the rotating screener is transferred to outdoor storage piles.
8. Material from the outdoor storage piles is then transferred to trucks by front-end loaders.

Water spray dust suppression systems are located at the grizzly feeders, crushers, conveyor belt drop points, screens, and discharge pans and are used as necessary to control unconfined particulate emissions.



**ENVIRONMENTAL ENGINEERING CONSULTANTS, INC.**

5119 NORTH FLORIDA AVENUE • P.O. BOX 7854  
TAMPA, FLORIDA 33673



**\$0.660**  
US POSTAGE  
FIRST-CLASS  
FROM 33603  
JUL 19 2013  
**stamps**  
.com



062S0006551726



Dept of Environmental Protection  
Receipts  
P.O. Box 3070  
Tallahassee FL 32315-3070