

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

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

1175330-004-AG

7775330-003

**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.)  
 CONYERS GRADING & LANDSCAPING, 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.)  
 TRIANGLE CONSTRUCTION CO. YARD

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

Street Address: 5437 N. STAR AVENUE

City: PANAMA CITY

County: BAY

Zip Code: 32404

**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: SCOTT CONYERS, V.P.

Facility Contact Telephone Numbers

Telephone: 229-435-9874 Fax: 229-995-4886  
Cell phone: 229-317-4093  
E-mail: conyers27@aol.com

Facility Contact Mailing Address

Organization/Firm: CONYERS GRADING & LANDSCAPING, INC.  
Mailing Address: 489 CLUBHOUSE ROAD  
City: DAWSON, GA County: TERRELL Zip Code: 39842

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

Name and Position Title  
Print Name and Title: SUE H. CONYERS, CFO

Correspondence Contact/Representative Telephone Numbers

Telephone: 229-435-9874 Fax: 229-995-4886  
Cell phone: 229-317-5273  
E-mail: conyers27@aol.com

Correspondence Contact/Representative Mailing Address

Organization/Firm: SUE H. CONYERS  
Mailing Address: 489 CLUBHOUSE ROAD  
City: DAWSON, GA County: TERRELL Zip Code: 39842

**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.



### 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 ATTACHED SHEET

### 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.

## **DESCRIPTION OF FACILITY:**

**Front-end Loader or Excavator dumps the bulk material into the JAW Crusher, powered by a diesel engine. Material is downsized to approximately 6" diameter, leaving on conveyor C-1 (20') into Impact Crusher grinding mill (powered by diesel engine), where recycled asphalt/concrete is crushed. From bottom of Impact Crusher, conveyor C-2 (20') carries material to vibrating screen. Screen sorts out the material that is too large (more than 3/4" for asphalt & 1.5" for concrete), while finished material falls through screen onto conveyor C-3 (15'), which carries material to radial stacker. Radial stacker drops material to ground or waiting truck. Unfinished oversized material is returned to crusher via conveyor C-4 (20').**

**The JAW crusher is manufactured by Terex/Pegson, 2007 Model #XR 400, SN# 400260EFXR. It's powered by a diesel engine CAT Model #C-9, engine SN#MBD05308, rated at 235 HP and uses approximately 5 gal/hr of diesel fuel. The size of this machine is 44' x 26'.**

**The combination Impact crusher/screener with all conveyors is manufactured by Terex/Pegson, 2006 Model #4242 SR, SN# 420182DDSR. It's powered by a diesel engine CAT Model #C-9, rated at 308 HP and uses approximately 10 gal/hr of diesel fuel. The size of this machine is 54' x 10'.**

**The radial stacker (conveyor approx. 50') is manufactured by Powerscreen, Model #5030, SN# 5030187 and is equipped with scale to weigh product crushed.**

**In order to reduce fugitive emissions, the following steps will be taken:**

- application of water to unpaved areas when necessary and/or removal of particulate matter from roads and other paved areas.**
- curtailing operations if winds are entraining unconfined particulate matter.**
- posting of vehicle speed limits.**

**A daily log will be kept. Each day of operation, operator will record tons of material crushed, hours operated, calculated average tons/hour of material crushed and estimated gallons of fuel used. Sample of daily log form is attached.**

**Conyers Grading & Landscaping, Inc.**

**DAILY LOG**

**Site:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Operator:** \_\_\_\_\_

**Ending reading on crusher scale:** \_\_\_\_\_ **tons**

**Beginning reading on crusher scale:** \_\_\_\_\_ **tons**

**Total RAP crushed:** \_\_\_\_\_ **tons**

**Hours operated:** \_\_\_\_\_

**Tons per day / hours operated = average hourly  
production**

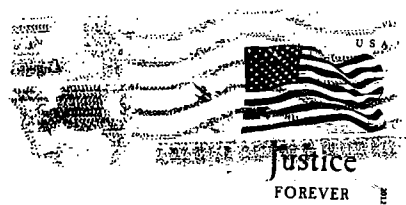
\_\_\_\_\_ / \_\_\_\_\_ = \_\_\_\_\_ **avg. TPH**

**Fuel usage: 10 gal/hr Impact Crusher/Screening Unit  
5 gal/hr JAW crusher**

**15 gal/hr x \_\_\_\_\_ hrs. operated = \_\_\_\_\_ gal fuel used.**

CONYERS GRADING  
489 Clubhouse Road  
Dawson, GA 39842

ALBANY GA 31707  
23 OCT 2012 PM 2:57



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**Dept. of Environmental Protection  
Receipts  
PO Box 3070  
Tallahassee, FL 32315-3070**

323153070

