



NON-METALLIC MINERAL PROCESSING PLANTS



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) COMPLAINT/DISCOVERY (CI)
 RE-INSPECTION (FUI) ARMS COMPLAINT NO: _____

AIRS ID#: 7775509 001 **DATE:** 2/11/13 **ARRIVE:** ~9:00 AM **DEPART:** 11:40 AM

FACILITY NAME: Sonny Glasbrenner, Inc.

FACILITY LOCATION: 3565 126th Avenue North
Clearwater, FL

OWNER/AUTHORIZED REPRESENTATIVE: : Pate Clements

PHONE: 727-573-1110

Email:

Mobile:

CONTACT NAME: : John Nielson

PHONE: 727-573-1110

Email: / jnielson@sgrinc.com

Mobile:

ENTITLEMENT PERIOD: 4/26/08 / : 4/26/13
(effective date) (end date)

EMISSION UNIT DESCRIPTION : Non-metallic crusher: Turbo Cheifton Model 1412 Trakpactor rock cursher (550 tph), and Turbo Cheifton Model 2100 screen, utilizing a 440 hp C-13 Catepillar engine.

Note: 7775509 Emission units in ARMs are listed as : EU 001 : Powergrid 800 screen MODEL 800, S/N 7219233 and EU 002 : Stacker Conveyor MODEL 5030MGL, SN: 503074. This facility was one time used in conjunction with the above mentioned crusher and screens per HCEPC.

Facility Section

PART I: INSPECTION COMPLIANCE STATUS (check only one box)

IN COMPLIANCE (Permanant Shut down) MINOR Non-COMPLIANCE SIGNIFICANT Non-COMPLIANCE

PART II: ONSITE INTRODUCTORY MEETING

(check only one box for each question)

1. Name(s) of facility representative(s): John Nielsen

Brief Notes:

2. Is the Authorized Representative still Justin Strecker? ----- Yes ..No

If no, who is?:

If different, did the facility provide an administrative update within 30 days? ----- Yes ..No

3. Is the facility contact still John Nielsen? ----- Yes ..No

If no, who is?:

4. Will facility be conducting VE test(s) during today's inspection? ----- Yes ..No

If yes, was the compliance authority notified at least 15 days in advance? ----- Yes ..No

Emissions Unit Section

1 –Crusher Unit A

Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (check only one box for each question)

{Note: “Nonmetallic mineral” means any of the following minerals or any mixture of which the major component is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granite, Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kaolin, Fireclay, Bentonite, Fuller’s Earth, Ball Clay, and Common Clay; (4) Rock Salt; (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chloride, and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemanite; (11) Barite; (12) Fluorospars; (13) Feldspar; (14) Diatomite; (15) Perlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}

- 1. Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill? ----- Yes ..No
- 2. Is the EU located above ground (i.e., not in an underground mine)? ----- Yes ..No
- 3. Was the EU constructed, modified, or reconstructed after August 31, 1983? ----- Yes ..No
- 4. Is the EU one of the following? ----- Yes ..No
 - crusher, grinding mill, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck loading station enclosed railcar loading station;
 - crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage silo or bin;
 - screening operation (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. 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.)
 - building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. *{A “vent” is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}*

If answer to any of the four Questions 1 -4 above is “No” then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.

If the answer to all of the four Questions 1-4 above is “Yes” then continue to Question 5.

- 24. When was the last VE test conducted by the owner/operator for this EU? 7/11/2011
 - a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? --- Yes ..No
 - b. If EU is subject to 40 CFR subpart OOO:
 - i. has the EU been tested during each of the past 4 calendar years? ----- Yes ..No
 - ii. has the EU been tested yet within the current calendar year? ----- Yes ..No
- 25. Was a VE test conducted by the owner/operator for this unit during this site visit? ----- Yes ..No
 - a. Was the VE test conducted at a process rate that is representative of the normal rate? ----- Yes ..No
Rate:
 - b. Was the VE test conducted according to EPA Method 9? ----- Yes ..No
 - c. The VE test resulted in an opacity of ___% for the highest six-minute average.
 - d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ----- Yes ..No
- 26. Was a VE test conducted by the inspector for this unit during this site visit? ----- Yes ..No
 - a. Was the VE test conducted at a process rate that is representative of the normal rate? ----- Yes ..No
Rate:
 - b. Was the VE test conducted according to EPA Method 9? ----- Yes ..No
 - c. The VE test resulted in an opacity of ___% for the highest six-minute average.
 - d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ----- Yes ..No

VE Opacity Limits

	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008
Crusher with no capture system	20%	15%	12%
All other affected EUs	20%	10%	7%

Facility Section (continued)

REASONABLE PRECAUTIONS FOR UNCONFINED EMISSIONS

(check only one box for each question)

1. Does the owner/operator of the NMMP Plant take reasonable precautions to control unconfined emissions by:
 - a) Use of water suppression system(s) with spray bars located wherever unconfined emissions occur (at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points)? ----- N/A Yes No
 If no, where are unconfined emissions occurring?
 - b) Use of water trucks equipped with spray bars to apply water or effective dust suppressant(s) on a regular basis (to all stockpiles, roadways and work yards)? ----- N/A Yes No
 - c) Paving and maintaining roads and parking areas? ----- N/A Yes No
 - d) Removal of particulate matter from roads and other paved areas under control of the owner/operator to prevent re-entrainment, and from building or work areas to reduce airborne particulate matter? ----- N/A Yes No
 - e) Reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? ----- N/A Yes No
2. If reasonable precautions not being taken:
 - a) Did the inspector perform a general VE test (20% opacity)? ----- N/A Yes No
 - b) If tested: (___)% opacity. Were the visible emissions < 20% opacity? ----- Yes ..No
 - c) What caused the problem(s) (if known)?

CONFIRMATION OF GENERAL PERMIT ELIGIBILITY

(check only one box for each question)

1. Does this facility keep records to show that it does not have the potential to emit:
 - a) 10 tons per year or more of any hazardous air pollutant? ----- Yes ..No
 - b) 25 tons per year or more of any combination of hazardous air pollutants? ----- Yes ..No
 - c) 100 tons per year or more of any other regulated air pollutant? ----- Yes ..No
2. Does this facility include:
 - a) any emission units or activities not covered by the applicable air general permit (with the exception of units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) or Rule 62-4.040, F.A.C.)? ----- Yes ..No

 If YES, what non-exempt units or activities?
 - b) any emissions units or activities authorized by another air general permit where such other air general permit and this general permit specifically allow the use of one another at the same facility? ----- Yes ..No

 If YES, what other general permit units or activities? 1030147-009-AG Emission Units 001 and 002 (crushers)

3. Is the total combined annual facility-wide fuel usage of all plants less than or equal to:
- a) 275,000 gallons of diesel fuel? ----- Yes ..No
 - b) 23,000 gallons of gasoline? ----- Yes ..No
 - c) 44 million standard cubic feet on natural gas? ----- Yes ..No
 - d) 1.3 million gallons of propane? ----- Yes ..No
 - e) or an equivalent prorated amount if multiple fuels are used onsite (use equation below)? ----- Yes ..No

$$\frac{(\quad) \text{ gal diesel/yr} + (\quad) \text{ gal gasoline/yr} + (\quad) \text{ MM SCF nat. gas/yr}}{275,000 \text{ gal diesel/yr} \quad 23,000 \text{ gal gasoline/yr} \quad 44 \text{ MM SCF nat. gas/yr}} + \frac{(\quad) \text{ MM gal propane/yr}}{1.3 \text{ MM gal propane/yr}} \leq 1.00?$$

4. Has the owner/operator maintained, available for inspection, site-wide records of monthly fuel consumption for each consecutive 12-period for the past 5 years? ----- Yes ..No

GENERAL CONDITIONS

(check only one box for each question)

- 1. Has the owner or operator allowed the circumvention of any air pollution control device, or Allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices? ----- Yes ..No
- 2. Does the owner or operator:
 - a) maintain the authorized facility in good condition? ----- Yes ..No
 - b) ensure that the facility maintains its eligibility to use the air general permit and complies with all terms and conditions of the air general permit? ----- Yes ..No
- 3. Has the owner or operator allowed you, as the duly authorized representative of the Department, access to the facility at reasonable times to inspect and test and to determine compliance with the air general permit and Department rules? ----- Yes ..No

RELOCATABLE PLANT

(check only one box for each question)

- 1. The facility: is stationary; is relocatable; or consists of both stationary and relocatable NMMP and/or concrete batching plants. (*If only stationary, skip the following questions 2 and 3.*)
- 2. For a relocated NMMP plant:
 - a) did the owner or operator notify the appropriate Department or Local Air Program by telephone, e-mail, fax, or written communication at least one business day prior to changing location? ----- Yes ..No
 - b) did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900(6)] to the Department or Local Air Program no later than five business days following relocation? -- Yes ..No
- 3. If the relocatable NMMP plant was co-located at a facility with a separate air construction or air operation permit, and the relocatable NMMP plant is not included as an emissions unit in that separate permit:
 - a) was the relocatable NMMP plant being used for a non-routine purpose? ----- Yes ..No
 If YES, what was the purpose?
 {Note: crushing recycled asphalt pavement (rap) at an asphalt plant is considered routine and so therefore must be authorized in the facility's air construction or operation permit.}
 - b) were records kept by the owner/operator to indicate how long it was co-located at the permitted facility? ----- Yes ..No
 If YES, were any periods more than 6 months in any consecutive 12-month period? ----- Yes ..No

CHANGES

(check only one box for each question)

Administrative Changes:

- 1. Were there any changes in the name, address, or phone number of the facility or authorized representative not associated with a change in ownership or with a physical relocation of the facility or any emissions units or operations comprising the facility; or any other similar minor administrative change at the facility? -- Yes ..No
- 2. If YES, did the facility provide written notification within 30 days of the change? ----- Yes ..No

New or Modified Process Equipment or Change in Ownership:

- 3. Since the last registration form submittal has there been
 - a) Installation of any new process equipment? ----- Yes ..No
 - b) Alterations to existing process equipment without replacement? ----- Yes ..No
 - c) Replacement of existing equipment with equipment that is substantially different? ----- Yes ..No
 - d) A change in ownership? ----- Yes ..No
- 4. If the answer to any question 3a. – d. is YES, was a new registration form and the appropriate fee submitted 30 days prior to the change? ----- Yes ..No

Brennan Farrington

Inspector's Name (Please Print)

2/11/13

Date of Inspection

Inspector's Signature

permanent shutdown

Approximate Date of Next Inspection

COMMENTS:

10/9/13 - Initiated the Facility shutdown process in response to receiving an "incomplete inspection report" report. Emailed Mr. Neilsen (cc: Beatty Environmental) asking for a written statement about the permanent shutdown of facility. Created inspection report and will continue with shutdown process.

2/13/13 - Contacted Mr. Jason Waters (HCEPC) to inquire why the screen and conveyors were permitted independently of a crusher unit. Mr. Waters explained that these facilities would regularly move the screening units around and that HC required them to obtain a separate general permit.

2/11/13 - Conducted facility-wide inspection at 126th Ave. I verified that the screening unit was shut down. I observed a screener that Mr. Nielsen identified as the PowerGrid 800. No s/n could be read or found. The unit was inoperable and the facility had no plans to repair it for operation with a crusher per Mr. Neilsen. No crusher unit was associated with the screener nor is one listed as an EU in ARMs.