WHENTIN PROTECTION	
Same Course	
FLORIDA	

# NON-METALLIC MINERAL PROCESSING PLANTS



## COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE:	ANNUAL (INS1, INS2)	COMPLAINT/DISCOVER	Y (CI)
AIRS ID#: 7771291 DA	TE: <u>1/11/2011</u>	ARRIVE: <u>8:50 AM</u>	DEPART: <u>2:00 PM</u>
FACILITY NAME: EA	GLE CRUSHER 1200-25CC-EU	NICE AVE PLANT	
FACILITY LOCATION	N: 2930 EUNICE AVE		
	ORLANDO 32808-310	4	
OWNER/AUTHORIZE Email: CONTACT NAME: M	<b>D REPRESENTATIVE:</b> DARI	RYL LANKER PHONE: Mobile: PHONE:	
Email:		Mobile:	(332)007 0000
ENTITLEMENT PERI	OD: 8/16/2010 / 8/16/2015 (effective date) (end date)		

## **Facility Section**

PART I: INSPECTION CON	<b>IPLIANCE</b> STATUS (check 🗹 only	one box)
IN COMPLIANCE	MINOR Non-COMPLIANCE	SIGNIFICANT Non-COMPLIANCE

PA	ART II: <u>ONSITE INTRODUCTORY MEETING</u>	·	2
1.	Name(s) of facility representative(s): <u>Myron Bowlin</u>	box for each	question)
	Brief Notes:		
2.	Is the Authorized Representative still DARRYL LANKER?	Xes Yes	□No
3.	If different, did the facility provide an administrative update within 30 days? Is the facility contact still MYRON BOWLIN? If no, who is?:	☐ Yes ⊠ Yes	□No □No
4.	Will facility be conducting VE test(s) during today's inspection? If yes, was the compliance authority notified at least 15 days in advance?		□No ⊠No

**Emissions Unit Section** <u>1 –NMMP Plant-impactcrusher,w/2deckscreen,325hpRICE,5conveyors</u>

	(check 🗹	only one
	box for each	question)
Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Process {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the major is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Gran Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand an (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock	rity ite, d Gravel;	
(5) Citay including Rabin, Frieday, Benomie, Futer's Earth, Bait Citay, and Common Citay, (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chl and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Bora. and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Verm. (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	oride, x, Kernite,	
<ol> <li>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?</li> <li>Is the EU located above ground (i.e., not in an underground mine)?</li> </ol>		□No □No
<ul><li>3. Was the EU constructed, modified, or reconstructed after August 31, 1983?</li><li>4. Is the EU one of the following?</li></ul>	🛛 Yes	□No □No
<ul> <li>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;</li> <li>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.)</li> <li>building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. <i>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.</i></li> <li>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.</li> </ul>		
If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5. 5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or		
<ul> <li>subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?</li> <li>6. Is the EU located at a fixed sand and gravel plant or crushed stone plant with a</li> </ul>	Yes	🖾No
<ul> <li>capacity less than or equal to 23 megagrams/hour (25 tons/hour)?</li></ul>	Yes	🖾No
capacity less than or equal to 136 megagrams/hour (150 tons/hour) ?	Yes	⊠No
equal to 9 megagrams/hour (10 tons/hour) ?	- 🗌 Yes	⊠No

<b>9.</b> Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher,		
grinding mill or storage bin in the production line?	🗌 Yes	🖾No
{Note: "wet screening operation" means a screening operation which removes unwanted material o which separates marketable fines from the product by a washing process which is designed and oper at all times such that the product is saturated with water. "Saturated material" means mineral mater with sufficient surface moisture such that particulate matter emissions are not generated from proce of the material through screening operations, bucket elevators and belt conveyors. Material that is w solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.	r cated rial ssing vetted	
solely by het suppression systems is not considered to be "submitted for purposes of this definition.	)	
10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	🗌 Yes	XNo
{Note: Wet mining operation means a mining or dredging operation designed and operated to extract any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic mineral is saturated with water. "Saturated material" means mineral material with sufficient surface moisture such that particulate matter emissions are not generated from processing of the material through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}	е	
If answer to any of the six Questions 5 -10 above is "Yes" 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 six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed? 6/20/2005		
12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	- 🗌 Yes	XNo
If answer to Question 12 is "No" skip the following questions and go directly to Question 20		
<b>13. Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	- 🗌 Yes	No
If answer to Question 13 is "No" skip the following questions and go directly to Question 19		
14. Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of	_	_
initial startup of the EU? $\square$ N/A	Yes Ver	
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	=	∐No ∏No
d. If yes, was the opacity less than or equal to 7% opacity?		$\square$ No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not individually in compliance with emissions limits:		
a. Was an initial PM stack test performed on each vent control device within 180 days of		
initial startup of the EU? N/A	Yes	🗌 No
$\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the } A$		
purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
one or more affected EUs.} b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? -	🗌 Yes	No
<ul> <li>c. Was an initial VE test performed on fugitive emissions from non-vent building openings?</li> <li>d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?</li> </ul>	🗌 Yes	No No

16. Is a baghouse used to control emissions from the EU?	Yes	□No
If yes, the owner operator:          Conducts quarterly 30-minute VE tests using Method 22;         Uses a bag leak detection system specified in 40 CFR 60.674(d);         follows the requirements of 40 CFR 63AAAAA Lime Manufacturin         as specified in 40 CFR 60.674(e); or         none of the above (i.e., out of compliance)	ng	
17. If the EU is an individual, enclosed storage bin controlled by a baghouse,		
were initial fugitive emissions less than or equal to 7% opacity? N/A	Yes	No No
18. Is a wet scrubber used to control emissions from the EU?	Yes	No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's	□ ••	
instructions?	Yes	L.No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
<i>and</i> b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the		
device has been calibrated on an annual basis in accordance with manufacturer's instructions ?	Yes	No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%	105	
of design scrubbing liquid flow rate. }		
or design serves ing inquite now rate.		
19.Is wet suppression used to control emissions from the EU?	Yes	No
If yes:	_	_
a. Does the owner/operator perform monthly inspections to check that water is flowing to		
the discharge spray nozzles?		
b. Does the owner/operator initiate corrective action within 24 hours and complete		
corrective action as expediently as practical is water is not flowing properly?		
c. Is each inspection of the spray nozzles, including the date and any corrective action taken,		
recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?	🛛 Yes	No
If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following		
questions and go directly to Question 24.		
20. Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures,		
Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	L Yes	⊠No
21 Initial Tastes		
<b>21. Initial Tests:</b> a. Was an initial PM stack test performed on the control device within 180 days of		
initial startup of the EU? N/A	☐ Yes	□ No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	$\square$ Yes	$\square$ No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	$\square$ Yes	$\square$ No
d. If yes, was the opacity less than or equal to 7% opacity?	Tes Yes	$\square$ No

22. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not			
individually in compliance with emissions limits:			
a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU? 🕅 N/A	🗌 Yes	🗌 No	
$\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the } A$			
purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}			
b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	T Yes	□No	
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?		No	
23. Is a wet scrubber used to control emissions from the EU?	Yes	🖾No	
If yes, does the owner/operator maintain and operate:			
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?			
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250	Yes	LNo	
pascals +1 inch water gauge pressure.}			
<i>and</i> b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and t	ha		
device has been calibrated on an annual basis in accordance with manufacturer's instructions ?		No	
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%	_	_	
of design scrubbing liquid flow rate.}			
24. When was the last VE test conducted by the owner/operator for this EU? 7/9/2010			
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:	N V		
i. has the EU been tested during each of the past 4 calendar years? ii. has the EU been tested yet within the current calendar year?	Yes Yes	□No ⊠No	
n. has the EO been tested yet within the current calendar year :			
25. Was a VE test conducted by the <i>owner/operator</i> 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: 175 TPH         b. Was the VE test conducted according to EPA Method 9?	Xes	No	
c. The VE test resulted in an opacity of $\underline{0}$ % 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 <i>inspector</i> for this unit during this site visit?	Xes	No	
a. Was the VE test conducted at a process rate that is representative of the normal rate?		No	
Rate: <u>175TPH</u>	V var		
<ul><li>b. Was the VE test conducted according to EPA Method 9?</li><li>c. The VE test resulted in an opacity of <u>0</u>% for the highest six-minute average.</li></ul>	🛛 Yes	LNo	
<ul><li>d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)</li></ul>	🛛 Yes	No	
VE Opacity Limits			
EU not subject to Subpart OOO EU Subpar	<b>'t OOO EU</b>		

	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%

# Emissions Unit Section <u>2 –NMMP Plant-radial stacker,30'',S/N 30240</u>

Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing Plants?         [Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Linestone, Dolomite, Granite, Traprock, Sandstone, Quartz, Quartzite, Mark, Marble, Slate, Shale, Oil Shale, and Shell: (2) Sand and Gravel; (3) Clay including Kaolin, Fireday, 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) Gissonite; (9) Tale and Pyrophylifie; (10) Born, including Borax, Kernite, and Colemanite: I(1) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumorrierite.]         1. Is the EU located at a fixed or portable nonmetallic mineral processing plant or hor thix asphalt plant that has an aboveground crusher or grinding mill?       Yes         2. Is the EU constructed, modified, or reconstructed after August 31, 19833       Yes       No         4. Is the EU constructed, using station   enclosed rule: loading station; □ crusher or grinding mill, bucket elevator,   b blet queves the size of nonmetallic minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage silo or bis; undersize and retaining oversize material on the mesh surfaces (screens) in series, and retaining oversize material on the mesh surfaces (screens) in series, and retaining oversize material on the mesh surfaces (Grizty feeders associated with truck dumping and st			(check 🗹	only one
Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority 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, Fircelay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt;       (5) Gysum (natural or synthetic); (5) Sodium Compounds, including Sodium Carbonate, Sodium Chloride,       and Sodium Sufface; (7) Punice; (8) Gilsonite; (9) Talc and Pyrophyllte; (10) Borom, including Borax, Kernite,       and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Verniculite;       (17) Mica; (18) Kyamie, including Andalusite, Siltimanite, Topaz, and Dumoriterite.]         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         2. Is the EU constructed, modified, or reconstructed after August 31, 19837       Yes      No         3. Was the EU constructed, modified, or reconstructed after August 31, 19837       Yes      No         d. Is the EU constructed, modified, or 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 pirzlies used anywhere in the nonmetallic mineral processing       plant are not considered to be screening operations, in ecosysted synthesis, from one or more affected EUs.]         If answer to any of the above EUs if all enclosed EUs are not individually i			box for each	question)
<ul> <li>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.]</li> <li>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.</li> <li>If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.</li> <li>5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I? Yes Subpart I?</li> <li>6. Is the EU located at a fixed sand and gravel plant or crushed stone plant with a capacity less than or equal to 23 megagrams/hour (25 tons/hour)? Yes Subject No</li> <li>7. Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)? Yes Subject No</li> <li>8. Is the EU located at a common clay plant or pumice plant with capacity less than or</li> </ul>	1. 2. 3.	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majori is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Grani Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.] 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?	box for each <b>ng Plants?</b> ty te, Gravel; Salt; oride, Kernite, culite; Yes Yes Yes Yes	question)
$\mathbb{R}$ And $\mathbb{R}$ is a magnetic field of the magnetic field of th	su If 5. 6. 7.	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.} answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	Yes	⊠No

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator of helt according to the first strength of			
belt conveyor in a production line that processes saturated material up to the first crusher grinding mill or storage bin in the production line?		Yes	🖾No
<i>{Note: "wet screening operation" means a screening operation which removes unwanted</i>		105	<u></u> 10
which separates marketable fines from the product by a washing process which is design			
at all times such that the product is saturated with water. "Saturated material" means m			
with sufficient surface moisture such that particulate matter emissions are not generated			
of the material through screening operations, bucket elevators and belt conveyors. Mater			
solely by wet suppression systems is not considered to be "saturated" for purposes of thi			
	<i>s</i>		
<b>10.</b> Is the EU a screening operation, bucket elevator or belt conveyor in the production line			
downstream of wet mining operation that process saturated material up to the first crushe	r,		
grinding mill or storage bin in the production line?		Yes	🖾No
{Note: Wet mining operation means a mining or dredging operation designed and operation	ted to extract		
any nonmetallic mineral from deposits existing at or below the water table, where the not	nmetallic		
mineral is saturated with water. "Saturated material" means mineral material with suffic	cient surface		
moisture such that particulate matter emissions are not generated from processing of t			
through screening operations, bucket elevators and belt conveyors. Material that is wett			
wet suppression systems is not considered to be "saturated" for purposes of this definition	on.}		
If answer to any of the six Questions 5 -10 above is "Yes" 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 six Questions 5-10 above is "No" then continue to Question 11.			
11. When was the EU last constructed, modified, or reconstructed? 6/20/2005			
	_	_	_
12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	L	Yes	⊠No
If answer to Question 12 is "No" skip the following questions and go directly to Question .	20		
13. Does the EU have a particulate matter capture system (equipment including enclosure	s,		
Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control d	levice?	Yes	No
	10		
If answer to Question 13 is "No" skip the following questions and go directly to Question	19		
14. Initial Tests:			
a. Was an initial PM stack test performed on the control device within 180 days of			
initial startup of the EU?	] N/A [	Yes	🗌 No
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014	4 gr/dscf)?	Yes	No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?		Yes	No
d. If yes, was the opacity less than or equal to 7% opacity?	[	Yes	No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are n	iot		
individually in compliance with emissions limits:			
a. Was an initial PM stack test performed on each vent control device within 180 days of			
initial startup of the EU?	JN/A ∟	Yes	∐ No
<i>A "vent" is any opening through which there is mechanically induced air flow for purpose of exhausting from a building air carrying particulate matter (PM) emission</i>			
one or more affected EUs.}	ms ji 0111		
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014	4 or/dscf)? [	Yes	No
c. Was an initial VE test performed on fugitive emissions from non-vent building openin		] Yes	$\square$ No
d. Were initial fugitive emissions from non-vent building openings less than or equal to 7		Yes	No
		_ <u> </u>	

16. Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator:          Conducts quarterly 30-minute VE tests using Method 22;         Uses a bag leak detection system specified in 40 CFR 60.674(d);         follows the requirements of 40 CFR 63AAAAA Lime Manufacturin         as specified in 40 CFR 60.674(e); or         none of the above (i.e., out of compliance)	ng	
17. If the EU is an individual, enclosed storage bin controlled by a baghouse,		
were initial fugitive emissions less than or equal to 7% opacity? N/A	Yes	🗌 No
18. Is a wet scrubber used to control emissions from the EU?	Yes	No
If yes, does the owner/operator maintain and operate:		
<ul> <li>a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?</li> <li>{Note: The monitoring device must be certified by the manufacturer to be accurate within +250</li> </ul>		No
pascals +1 inch water gauge pressure.}		
<ul> <li>and</li> <li>b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions ?         {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.}     </li> </ul>		No
10 Is wet suppression used to control omissions from the EU?		
19. Is wet suppression used to control emissions from the EU?	∐ Yes	L.No
<ul><li>If yes:</li><li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li><li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li></ul>		
c. Is each inspection of the spray nozzles, including the date and any corrective action taken,		
recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?	Yes	No
If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24.		
<b>20. Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	Yes	No
<ul> <li>21. Initial Tests:</li> <li>a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?</li></ul>	<ul> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	☐ No ☐No ☐No ☐No

	VE Opacity Limits		
	VE Anasita Limita		
(	d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)	🛛 Yes	LNo
	c. The VE test resulted in an opacity of $\underline{0}$ % for the highest six-minute average.		
	b. Was the VE test conducted according to EPA Method 9?	🛛 Yes	No
	Rate: <u>175 TPH</u>		_
8	a. Was the VE test conducted at a process rate that is representative of the normal rate?	Xes	No
26.	Was a VE test conducted by the <i>inspector</i> for this unit during this site visit?	Xes Yes	No
(	d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)	Yes Yes	LNo
	c. The VE test resulted in an opacity of $\underline{0}$ % for the highest six-minute average.		<b>—</b>
	b. Was the VE test conducted according to EPA Method 9?	🛛 Yes	🗌No
	Rate: <u>175 TPH</u>	_	_
	a. Was the VE test conducted at a process rate that is representative of the normal rate?	Yes	No
25.	Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit?	Xes Yes	No
	n. has the DO been tested yet within the current calcular year?		K7.140
	i. has the EU been tested during each of the past 4 calendar years?	Yes Yes	LNo
t	b. If EU is subject to 40 CFR subpart OOO:	V.	
	a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?	Yes	L.No
	When was the last VE test conducted by the owner/operator for this EU? <u>7/9/2010</u>	_	_
	of design scrubbing liquid flow rate.}		
	{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%		1NO
	b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and th device has been calibrated on an annual basis in accordance with manufacturer's instructions ?	e Yes	□No
	and by a davias for the continuous measurement of the completing liquid flow rate to the wet completer and th	-	
	pascals +1 inch water gauge pressure.}		
	{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
	instructions?	Yes	No
	scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's	_	_
	a. a device for the continuous measurement of the pressure loss of the gas stream through the		
	If yes, does the owner/operator maintain and operate:		
23.1	Is a wet scrubber used to control emissions from the EU?	Yes	🛛No
		L 168	INO
	b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	Yes	$\square$ No
	one or more affected EUs.}	TYes	□No
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
· · · ·	<i>A</i> "vent" is any opening through which there is mechanically induced air flow for the		
	initial startup of the EU? 🕅 N/A	Yes	l No
8	a. Was an initial PM stack test performed on each vent control device within 180 days of	_	_
	individually in compliance with emissions limits:		
•			
	individually in compliance with emissions 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%

## **Emissions Unit Section** 3 -NMMP Plant-radial stacker, 30", S/N 30279

		(check 🗹	only one
		box for each	question)
1. 2. 3.	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majori is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granin Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock 1.         (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}         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?	box for each <b>ng Plants?</b> ty te, ' Gravel; Salt; ride, Kernite,	•
	<ul> <li>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.)</li> <li>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</li> </ul>		
su	air carrying particulate matter (PM) emissions from one or more affected EUs.} answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
5.	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	Yes	XNo
6.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a		
7	capacity less than or equal to 23 megagrams/hour (25 tons/hour)? Is the EU located at a portable sand and gravel plant or crushed stone plant with a	Yes	⊠No
	capacity less than or equal to 136 megagrams/hour (150 tons/hour) ?	Yes	🖾No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or equal to 9 megagrams/hour (10 tons/hour) ?	Yes	XNo

<b>9.</b> Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher,		
grinding mill or storage bin in the production line?	Yes	🖾No
{Note: "wet screening operation" means a screening operation which removes unwanted material or which separates marketable fines from the product by a washing process which is designed and operate at all times such that the product is saturated with water. "Saturated material" means mineral material with sufficient surface moisture such that particulate matter emissions are not generated from processin of the material through screening operations, bucket elevators and belt conveyors. Material that is wett solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}	ed l ng	
10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	🖾No
{Note: Wet mining operation means a mining or dredging operation designed and operated to extract any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic mineral is saturated with water. "Saturated material" means mineral material with sufficient surface moisture such that particulate matter emissions are not generated from processing of the material through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
If answer to any of the six Questions 5 -10 above is "Yes" 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 six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed? 6/20/2005		
12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	Yes	XNo
If answer to Question 12 is "No" skip the following questions and go directly to Question 20		
<b>13.Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	Yes	No
If answer to Question 13 is "No" skip the following questions and go directly to Question 19		
14. Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of	_	_
initial startup of the EU? $\square$ N/A	Yes	
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	Yes Yes	∟No □No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)? d. If yes, was the opacity less than or equal to 7% opacity?	$\square$ Yes	No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
individually in compliance with emissions limits: a. Was an initial PM stack test performed on each vent control device within 180 days of		
initial startup of the EU? N/A	Yes	🗌 No
{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.}		
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	Yes	No
c. Was an initial VE test performed on fugitive emissions from non-vent building openings?	Yes Yes	□No □No

16. Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator: conducts quarterly 30-minute VE tests using Method 22; uses a bag leak detection system specified in 40 CFR 60.674(d); follows the requirements of 40 CFR 63AAAAA Lime Manufacturin as specified in 40 CFR 60.674(e); or none of the above (i.e., out of compliance)	ıg	
17. If the FIL is an individual analoged stars as his controlled by a hachayes		
<b>17.If the EU is an individual, enclosed storage bin controlled by a baghouse,</b> were initial fugitive emissions less than or equal to 7% opacity? N/A	Yes	🗌 No
18. Is a wet scrubber used to control emissions from the EU?	Yes	No
If yes, does the owner/operator maintain and operate:		
<ul> <li>a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?</li></ul>	Yes	No
<ul> <li>b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions ? {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.}</li> </ul>		No
19. Is wet suppression used to control emissions from the EU?	Yes	□No
If yes:		
a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?		
<ul> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li> </ul>	Yes	No
If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24.		
<ul><li>20. Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?</li></ul>	Yes	XNo
<ul> <li>21. Initial Tests:</li> <li>a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?  N/A</li> <li>b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?</li></ul>	<ul> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	☐ No ☐No ☐No ☐No

	f the EU is a building enclosing any adjuidually in compliance with emi		and all enclosed EUs are not		
a { P	<ul> <li>ndividually in compliance with emital</li> <li>Was an initial PM stack test perforinitial startup of the EU?</li> <li><i>A "vent" is any opening through what purpose of exhausting from a building</i></li> </ul>	med on each vent contro ich there is mechanicall	y induced air flow for the	/A 🗌 `	Yes 🗌 No
b	<i>one or more affected EUs.</i> } Was the EU found to be in complian. Were initial fugitive emissions from				YesNo YesNo
23.I	s a wet scrubber used to control en	nissions from the EU?		n	Yes 🛛No
	f yes, does the owner/operator mainta				
a	. a device for the continuous measur scrubber and the device has been instructions?	ement of the pressure lo n calibrated on an annua nust be certified by the r	Il basis in accordance with manu	ufacturer's	YesNo
b	<ul> <li>a device for the continuous measured device has been calibrated on an {Note: The monitoring device n of design scrubbing liquid flow</li> </ul>	annual basis in accordanust be certified by the r	ance with manufacturer's instruc	ctions ? 🔲 `	YesNo
24.	When was the last VE test conducte	ed by the owner/operat	tor for this EU? <u>7/9/2010</u>		
a	. If EU is not subject to 40 CFR 60 s . If EU is subject to 40 CFR subpart	subpart OOO, has the El		years?	YesNo
	i. has the EU been tested during ii. has the EU been tested yet wi	geach of the past 4 caler			Yes □No Yes ⊠No
	Was a VE test conducted by the <i>own</i> . Was the VE test conducted at a pro- Rate: <u>175 TPH</u>				YesNo YesNo
	. Was the VE test conducted accord			🛛 '	YesNo
	. The VE test resulted in an opacity . Did the VE test demonstrate comp			🛛 '	YesNo
	<b>Was a VE test conducted by the</b> <i>ins</i> , . Was the VE test conducted at a pro				YesNo YesNo
t	Rate: <u>175 TPH</u> Was the VE test conducted accord	ing to EPA Method 9? -		🛛 '	YesNo
С	. The VE test resulted in an opacity	of 0% for the highest size	x-minute average.	_	
d	. Did the VE test demonstrate comp	liance with the opacity l	limit? (See chart below)	🛛 `	YesNo
		VE Opac	ity Limits		
		EU not subject to	Subpart OOO EU	Subpart OO	O EU
		40 CFR 60	constructed modified	constructed	

	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%

<b>Emissions Unit Section</b>	
4 –NMMP Plant-crusher RIC diesel engine, model yr 2005, 325	hp

		(check 🗹	only one
		box for each	question)
1. 2. 3.	<b>The Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin</b> [Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majori is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Punice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vernic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.] 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? —	box for each <b>ng Plants?</b> ty te, Gravel; Salt; ride, Kernite, vulite; Yes Xes	•
sı If 5. 6. 7.	<i>air carrying particulate matter (PM) emissions from one or more affected EUs.</i> ] answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to abpart OOO so skip the following questions and go directly to Question 24. The answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	<ul> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	<ul> <li>No</li> <li>No</li> <li>No</li> <li>No</li> </ul>

-				
9.	Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher,			
	grinding mill or storage bin in the production line?		Vac	
			Yes	L.No
	{Note: "wet screening operation" means a screening operation which removes unwanted material or which as granted by a method and an area which is designed and an area of the superscript of the superscrip			
	which separates marketable fines from the product by a washing process which is designed and operate			
	at all times such that the product is saturated with water. "Saturated material" means mineral materia			
	with sufficient surface moisture such that particulate matter emissions are not generated from processing			
	of the material through screening operations, bucket elevators and belt conveyors. Material that is weth	ed		
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}			
10				
10	Is the EU a screening operation, bucket elevator or belt conveyor in the production line			
	downstream of wet mining operation that process saturated material up to the first crusher,	_		<b>—</b>
	grinding mill or storage bin in the production line?	$\Box$	Yes	No
	<i>{Note: Wet mining operation means a mining or dredging operation designed and operated to extract</i>			
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic			
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface			
	moisture such that particulate matter emissions are not generated from processing of the material			
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by			
	wet suppression systems is not considered to be "saturated" for purposes of this definition.}			
	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to			
	bpart OOO so skip the following questions and go directly to Question 24.			
If i	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.			
11	When was the EU last constructed, modified, or reconstructed? 6/20/2005			
	when was the 110 hast constructed, modified, of reconstructed $\frac{0.20/2005}{0.2005}$			
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?		Yes	No
If	answer to Question 12 is "No" skip the following questions and go directly to Question 20			
<i>1</i> J (	answer to Question 12 is 110° ship the jouowing questions and go all early to Question 20			
13	Does the EU have a particulate matter capture system (equipment including enclosures,			
	Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?		Yes	No
If a	answer to Question 13 is "No" skip the following questions and go directly to Question 19			
14	Initial Tests:			
	a. Was an initial PM stack test performed on the control device within 180 days of			
	initial startup of the EU? N/A	=	Yes	∐ No
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	_	Yes	L.No
	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	=	Yes	L.No
	d. If yes, was the opacity less than or equal to 7% opacity?	$\Box$	Yes	No
15				
12	If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not			
	individually in compliance with emissions limits:			
	a. Was an initial PM stack test performed on each vent control device within 180 days of		V	
	initial startup of the EU? $ \square$ N/A	$\Box$	Yes	∐ No
	$\{A  "vent" is any opening through which there is mechanically induced air flow for the$			
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from			
	one or more affected EUs.}		<b>N</b> 7	
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	=	Yes	L.No
	c. Was an initial VE test performed on fugitive emissions from non-vent building openings?	_	Yes	No
	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	$\Box$	Yes	L.No

16. Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator:          Conducts quarterly 30-minute VE tests using Method 22;         Uses a bag leak detection system specified in 40 CFR 60.674(d);	_	_
follows the requirements of 40 CFR 63AAAAA Lime Manufacturin	g	
as specified in 40 CFR 60.674(e); or		
none of the above (i.e., out of compliance)		
17. If the EU is an individual, enclosed storage bin controlled by a baghouse,		
were initial fugitive emissions less than or equal to 7% opacity? N/A	Yes	🗌 No
18. Is a wet scrubber used to control emissions from the EU?	Yes	No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's	_	_
instructions?	Yes	L.No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
and		
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the		
	Yes	L.No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%		
of design scrubbing liquid flow rate.}		
	_	_
19. Is wet suppression used to control emissions from the EU?	Yes	L.No
If yes:		
a. Does the owner/operator perform monthly inspections to check that water is flowing to		
the discharge spray nozzles?		
b. Does the owner/operator initiate corrective action within 24 hours and complete		
corrective action as expediently as practical is water is not flowing properly?		
c. Is each inspection of the spray nozzles, including the date and any corrective action taken,		
recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?	Yes	No
If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following		
questions and go directly to Question 24.		
20. Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures,		
Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	No
	<u> </u>	
21. Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of		
initial startup of the EU? N/A	☐ Yes	□ No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	Tes Yes	No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	Yes	$\square$ No
d. If yes, was the opacity less than or equal to 7% opacity?	$\square$ Yes	$\square$ No
d. If yes, was the option of equal to 770 option y?		

22. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
individually in compliance with emissions limits:		
a. Was an initial PM stack test performed on each vent control device within 180 days of		
initial startup of the EU? N/A	Yes	No No
$\{A  "vent" is any opening through which there is mechanically induced air flow for the$		
purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
one or more affected EUs.}	<b>—</b>	<b>—</b>
b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	Yes	L.No
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	Yes	No
22 Is a mot something used to control emissions from the FUP		
23. Is a wet scrubber used to control emissions from the EU?	Yes	No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
instructions?	Yes	No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
and		
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and th	e	
device has been calibrated on an annual basis in accordance with manufacturer's instructions?	Yes	□No
		NO
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%		
of design scrubbing liquid flow rate.}		
24. When was the last VE test conducted by the owner/operator for this EU? <u>7/9/2010</u>		
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
In has the LO been tested yet within the current calendar year:		10
25. Was a VE test conducted by the <i>owner/operator</i> 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	L.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 <i>inspector</i> for this unit during this site visit?	Yes Yes	L.No
a. Was the VE test conducted at a process rate that is representative of the normal rate?	🛛 Yes	No
Rate: 175 TPH		
b. Was the VE test conducted according to EPA Method 9?	Yes	No
c. The VE test resulted in an opacity of $\underline{0}$ % for the highest six-minute average.		
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)	Xes	No
a. Die me 12 test demonstrate compliance war nie opdorty mint. (See endt below).		
VE Opacity Limits		
FU not subject to Subpart OOO FU Subpart	1000 FU	

	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%

<u>R</u> ]	EASONABLE PRECAUTIONS FOR UNCONFINED EMISSIONS	(check 🗹 box for each	only one question)
1.	<ul> <li>Does the owner/operator of the NMMP Plant take reasonable precautions to control unconfined emissions by:</li> <li>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</li> <li>If no, where are unconfined emissions occurring?</li> </ul>	🛛 Yes	🗌 No
	<ul> <li>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</li> <li>c) Paving and maintaining roads and parking areas? N/A</li> <li>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</li> <li>e) Reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of</li> </ul>	⊠ Yes ⊠ Yes	□ No □ No □ No
2.	<ul> <li>a) Did the inspector perform a general VE test (20% opacity)? N/A</li> <li>b) If tested: ()% opacity. Were the visible emissions &lt; 20% opacity?</li></ul>	⊠ Yes □ Yes □ Yes	□ No □ No □No

### **CONFIRMATION OF GENERAL PERMIT ELIGIBILITY** (check $\square$ 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 ...No c) 100 tons per year or more of any other regulated air pollutant? ------ Xes ...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 X..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 X..No If YES, what other general permit units or activities?

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? Xes	No
	b) 23,000 gallons of gasoline? Xes	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)? Xes	No
<u>(</u> 2	) gal diesel/yr + ( ) gal gasoline/yr + ( ) MM SCF nat. gas/yr + ( ) MM gal propane/yr $\leq 1$ (75,000 gal diesel/yr 23,000 gal gasoline/yr 44 MM SCF nat. gas/yr 1.3 MM gal propane/yr	.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	XNo

G	ENERAL CONDITIONS	(check 🗹	-
1.	Has the owner or operator allowed the circumvention of any air pollution control device, or	box for each question)	
	Allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices?	Yes	XNo
2.	Does the owner or operator:	_	
	<ul><li>a) maintain the authorized facility in good condition?</li><li>b) ensure that the facility maintains its eligibility to use the air general permit and complies with all</li></ul>	- 🛛 Yes	L.No
	terms and conditions of the air general permit?		No
3.	Has the owner or operator allowed you, as the duly authorized representative of the Department, acces to the facility at reasonable times to inspect and test and to determine compliance with the air general	SS	
	permit and Department rules?	- 🛛 Yes	No

	ELOCATABLE PLANT         The facility:       is stationary;         X       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.)	(check ☑ box for each	only one question)
2.	<ul> <li>For a relocated NMMP plant:</li> <li>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?</li> <li>b) did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900(o to the Department or Local Air Program no later than five business days following relocation?</li></ul>	5)]	□No □No
3.	If the relocatable NMMP plant was co-located at a facility with a separate air construction or air opera permit, and the relocatable NMMP plant is <u>not</u> included as an emissions unit in that separate permit: a) was the relocatable NMMP plant being used for a non-routine purpose?		⊠No
	<ul> <li>b) were records kept by the owner/operator to indicate how long it was co-located at the permitted facility?</li> <li>If YES, were any periods more than 6 months in any consecutive 12-month period?</li> </ul>	Yes Yes	□No □No

	HANGES dministrative Changes:	(check 🗹 box for each	only one question)
	Were there any changes in the name, address, or phone number of the facility or authorized representa associated with a change in ownership or with a physical relocation of the facility or any emissions ur operations comprising the facility; or any other similar minor administrative change at the facility? If YES, did the facility provide written notification within 30 days of the change?	its or Ves	⊠No □No
Ne	ew or Modified Process Equipment or Change in Ownership: Since the last registration form submittal has there been		
5.	<ul> <li>a) Installation of any new process equipment?</li> <li>b) Alterations to existing process equipment without replacement?</li> <li>c) Replacement of existing equipment with equipment that is substantially different?</li> <li>d) A change in ownership?</li> </ul>	- 🗌 Yes - 🗌 Yes	⊠No ⊠No ⊠No ∏No
4.	If the answer to any question 3a. – d. is YES, was a new registration form and the appropriate fee sub 30 days prior to the change?	mitted	No

Ilka Bundy

Inspector's Name (Please Print)

### 1/11/2011

Date of Inspection

1/11/2012

Inspector's Signature

Approximate Date of Next Inspection

**COMMENTS:** Ilka Bundy met with James Langston of Koogler & Associates on 1/11/2011 to audit the annual compliance test on the portable rock crusher. This crusher was sold by BJ's Konkrete Krushing last year to Eco-Rock Resources. A new registration form was submitted to Tallahassee, as required, to obtain a new Air General Permit by the new owners. The 15-day notice for the compliance test was waived by Ilka Bundy and Jodi Dittell. James Langston conducted ten visible emission tests on the crusher. All points had an observed opacity of zero percent. The consultant did not test the diesel generator. The inspector, Ilka Bundy, did conduct a visible emission units, the main crusher, two radial stackers, and the diesel RIC engine. The crusher operated at 175 tons per hour. The crusher shut down several times during the compliance test due to mechanical and physical problems, such as a concrete rock getting stuck under one of the belts! The new owners have made several upgrades to the plant. They have paved more roads, moved some of the crushed piles, and will eventually move the crusher to the center of the plant. Additional sprinklers have also been added to help with dust suppression. The facility appears to be in compliance with their air permit at this time.