

(check \square only one box for each question) \sqrt{TS}

ERAL PROCESSING



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) COMPLAINT/DISCOVERY (CI) RE-INSPECTION (FUI) ARMS COMPLAINT NO:					
AIRS ID#: 7775380 DATE: <u>8/8/2012</u> ARRIVE: <u>8:54 AM</u> DEPART:	10:22 AM				
FACILITY NAME: MIAMI QUARRY					
FACILITY LOCATION: 13100 NW 41 Street					
MIAMI 33182					
OWNER/AUTHORIZED REPRESENTATIVE: KENNETH KNOWLES* PHONE: (239)267-180 Email: knowlesk@vmcmail.com Mobile: (786)412-834 CONTACT NAME: LORI SANVILLE* PHONE: (239)280-915 Email: sanvillel@vmcmail.com Mobile: (239)280-915 ENTITLEMENT PERIOD: 5/24/2012 / 5/24/2017 (effective date) (end date)	2 6				
Facility Section PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box) ☑ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPL	PART I: INSPECTION COMPLIANCE STATUS (check only one box)				
PART II: ONSITE INTRODUCTORY MEETING	(check 🗹 only one				
1. Name(s) of facility representative(s): <u>LORI SANVILLE</u>	box for each question)				
Brief Notes:					
2. Is the Authorized Representative still KENNETH KNOWLES*?	∑ Yes □No				
If different, did the facility provide an administrative update within 30 days? 3. Is the facility contact still LORI SANVILLE*?	☐ Yes ☐No ☐ Yes ☐No				
4. Will facility be conducting VE test(s) during today's inspection?	∑ Yes				

Emissions Unit Section <u>1 -NMMP Plant-crusher (primary)</u>, 750 T/hr

		(check 🗹	only one
	ł	ox for each	question)
Ις	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin		,
15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorit 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) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	y e, Gravel; Salt; ride, Kernite,	
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
	Was the EU constructed, modified, or reconstructed after August 31, 1983?		□No
	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.}		
su	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	□No
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	□No
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	□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	□No

1 –NMMP Plant-crusher (primary), 750 T/hr

7.	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	Tes	23140
	which separates marketable fines from the product by a washing process which is designed and operat	ed	
	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 processi		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet		
	solely by wet suppression systems is not considered to be "saturated" 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	⊠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.}		
	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	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?		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	⊠ Yes	□No
<i>If</i>	answer to Question 12 is "No" skip the following questions and go directly to Question 20		
-	answer to Question 12 is "No" skip the following questions and go directly to Question 20 .Does the EU have a particulate matter capture system (equipment including enclosures,		
-		☐ Yes	⊠No
13	.Does the EU have a particulate matter capture system (equipment including enclosures,	☐ Yes	⊠No
13 <i>If</i>	.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
13 <i>If</i>	 .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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of 	Yes	⊠No
13 <i>If</i>	.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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes	⊠No □ No
13 <i>If</i>	.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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes	□ No □No
13 <i>If</i>	.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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes	☐ No
13 <i>If</i>	.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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes	□ No □No
13 If 14	.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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No
13 If 14	.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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No
13 If 14	. 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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 . Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No
13 If 14	.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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No
13 If 14	.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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No
13 If 14	.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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No
13 If 14	.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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Yes Yes Yes Yes Yes	☐ No ☐No ☐No ☐No ☐No
13 If 14	. 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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 . Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes	☐ No ☐No ☐No ☐No ☐No ☐No
13 If 14	.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? answer to Question 13 is "No" skip the following questions and go directly to Question 19 .Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	 Yes Yes Yes Yes Yes Yes Yes Yes 	☐ No ☐No ☐No ☐No ☐No

1 -NMMP Plant-crusher (primary), 750 T/hr

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 Manufacturing 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
 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
 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.} 	☐ Yes	⊠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? 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
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
a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No

<u>1 –NMMP Plant-crusher (primary), 750 T/hr</u>

22. If the EU is a building enclosing an	y other regulated EUs	and all enclosed EUs are not			
individually in compliance with em	nissions limits:				
a. Was an initial PM stack test perform	rmed on each vent contr	ol device within 180 days of			
initial startup of the EU?			/A	☐ Yes	☐ No
{A "vent" is any opening through wh	nich there is mechanicali	ly induced air flow for the			
purpose of exhausting from a buildin					
one or more affected EUs.}	0 , 01	, , ,			
b. Was the EU found to be in compli	iance with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions fro				Yes	□No
e. Were initial ragitive emissions no	on non vent bunding op	emily less than of equal to 770	opacity.		
23. Is a wet scrubber used to control e	missions from the EU?			☐ Yes	⊠No
If yes, does the owner/operator maint					210
a. a device for the continuous measu		oss of the age stream through th	a		
		al basis in accordance with man			
instructions?				☐ Yes	□No
					NO
•	•	manufacturer to be accurate with	ım +250		
pascals +1 inch water gauge pre	essure.}				
and		1. 1.0	1 1 1		
b. a device for the continuous measu					
device has been calibrated on a				∐ Yes	□No
· · · · · · · · · · · · · · · · · · ·	•	manufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow	rate.}				
24. When was the last VE test conduct				_	
a. If EU is not subject to 40 CFR 60		U been tested within the past 5	years?	☐ Yes	□No
b. If EU is subject to 40 CFR subpar					
i. has the EU been tested during				Yes Yes	□No
ii. has the EU been tested yet w	rithin the current calendar	ır year?		Yes Yes	□No
					_
25. Was a VE test conducted by the ow				Yes	<u></u> No
a. Was the VE test conducted at a pr	ocess rate that is represe	entative of the normal rate?		Yes	□No
Rate:					
b. Was the VE test conducted accord	ling to EPA Method 9?			Yes	□No
c. The VE test resulted in an opacity					
d. Did the VE test demonstrate comp	pliance with the opacity	limit? (See chart below)		Yes	□No
26. Was a VE test conducted by the ins					
	s <i>pector</i> for this unit du	ring this site visit?		☐ Yes	⊠No
a. Was the VE test conducted at a pr					⊠No □No
a. Was the VE test conducted at a pr Rate:	ocess rate that is represe	entative of the normal rate?		Yes	No
a. Was the VE test conducted at a prRate:b. Was the VE test conducted accord	ocess rate that is represeding to EPA Method 9?	entative of the normal rate?			
 a. Was the VE test conducted at a pr Rate: b. Was the VE test conducted accorded. The VE test resulted in an opacity 	ocess rate that is represeding to EPA Method 9? of% for the high	entative of the normal rate?est six-minute average.		Yes Yes	□No
a. Was the VE test conducted at a prRate:b. Was the VE test conducted accord	ocess rate that is represeding to EPA Method 9? of% for the high	entative of the normal rate?est six-minute average.		Yes	□No
 a. Was the VE test conducted at a pr Rate: b. Was the VE test conducted accorded. The VE test resulted in an opacity 	ocess rate that is represeding to EPA Method 9? of% for the high	entative of the normal rate?est six-minute average.		Yes Yes	□No
 a. Was the VE test conducted at a pr Rate: b. Was the VE test conducted accorded. The VE test resulted in an opacity 	ding to EPA Method 9? of% for the high pliance with the opacity	entative of the normal rate?est six-minute average.		Yes Yes	□No
 a. Was the VE test conducted at a pr Rate: b. Was the VE test conducted accorded. The VE test resulted in an opacity 	ling to EPA Method 9? of% for the high pliance with the opacity VE Opac	entative of the normal rate?est six-minute average. limit? (See chart below)		☐ Yes ☐ Yes ☐ Yes	No No No
 a. Was the VE test conducted at a pr Rate: b. Was the VE test conducted accorded. The VE test resulted in an opacity 	ling to EPA Method 9? of% for the high pliance with the opacity VE Opac EU not subject to	est six-minute average. limit? (See chart below) ity Limits Subpart OOO EU	Subpart	Yes Yes Yes	No
 a. Was the VE test conducted at a pr Rate: b. Was the VE test conducted accorded. The VE test resulted in an opacity 	ding to EPA Method 9? of% for the high pliance with the opacity	est six-minute average. limit? (See chart below) ity Limits Subpart OOO EU constructed, modified,	Subpart	Yes Yes Yes OOO E	
 a. Was the VE test conducted at a pr Rate: b. Was the VE test conducted accorded. The VE test resulted in an opacity 	ling to EPA Method 9? of% for the high pliance with the opacity VE Opac EU not subject to	entative of the normal rate? est six-minute average. limit? (See chart below) ity Limits Subpart OOO EU constructed, modified, or reconstructed prior	Subpart constructor recon	Yes Yes Yes OOO E cted, moo	
a. Was the VE test conducted at a pr Rate: b. Was the VE test conducted accord c. The VE test resulted in an opacity d. Did the VE test demonstrate comp	ling to EPA Method 9? of% for the high pliance with the opacity VE Opac EU not subject to 40 CFR 60 Subpart OOO	est six-minute average. limit? (See chart below) ity Limits Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart	Yes Yes Yes OOO E cted, mod astructed 22/2008	
 a. Was the VE test conducted at a pr Rate: b. Was the VE test conducted accorded. The VE test resulted in an opacity 	ding to EPA Method 9? of% for the high pliance with the opacity	entative of the normal rate? est six-minute average. limit? (See chart below) ity Limits Subpart OOO EU constructed, modified, or reconstructed prior	Subpart constructor recon	Yes Yes Yes OOO E cted, moo	

Emissions Unit Section 2 –NMMP Plant-feeder underbelt conveyor, 54"

		(check 🗹	only one
	ł	ox for each	question)
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin		•
15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorities 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) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ty e, Gravel; Salt; ride, Kernite,	
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
	Was the EU constructed, modified, or reconstructed after August 31, 1983?	Yes	□No
	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.}		
	air carrying particulate matter (FM) emissions from one or more affected EOs.}		
	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.		
lf 1	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	⊠No
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	□No
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	□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	□No

2 -NMMP Plant-feeder underbelt conveyor, 54"

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?	l ng	es 🗀No
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?	⊠ Ye	es 🔲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.}		
su	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. 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?		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	⊠ Ye	esNo
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 <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Ye	esNo
If	answer to Question 13 is "No" skip the following questions and go directly to Question 19		
14	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Ye☐ Ye☐ Ye☐ Ye	esNo esNo
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?	☐ Ye	es 🗌 No
	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)? c. Was an initial VE test performed on fugitive emissions from non-vent building openings? d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	☐ Ye☐ Ye☐ Ye	es 🔲No

2 -NMMP Plant-feeder underbelt conveyor, 54"

16. Is a baghouse used to control emissions from the EU?		esNo
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 Manufacturing	ıg	
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	□ Y	es No
18. Is a wet scrubber used to control emissions from the EU?	□ Y	esNo
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?		es ⊠No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
andb. 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?		es ⊠No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%	ш -	Z110
of design scrubbing liquid flow rate.}		
ggq,		
19. Is wet suppression used to control emissions from the EU?	□ Y	es ⊠No
If yes:	□ Y	es ⊠No
	□ Y	es ⊠No
If yes: a. Does the owner/operator perform monthly inspections to check that water is flowing to		es ⊠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?	□ Y	es ⊠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, 		
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?		
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 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)? 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 capture system (equipment including enclosures, 	☐ Y	∕es ⊠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)?	☐ Y	∕es ⊠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)? 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 capture system (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device? 21. Initial Tests:	☐ Y	∕es ⊠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)? 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 capture system (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device? 21. Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of 	□ Y□ Y	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)? 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 capture system (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device? 21. Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	_ Y	Yes ⊠No 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)?	Y	Yes ⊠No Yes □ No 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)?	Y	Yes ⊠No Yes □ No Yes □No Yes □No 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)?	Y	Yes ⊠No Yes □ No Yes □No

2 -NMMP Plant-feeder underbelt conveyor, 54"

22. If the EU is a building enclosing an	y other regulated EUs	and all enclosed EUs are not			
individually in compliance with em	issions limits:				
a. Was an initial PM stack test perform	rmed on each vent contr	ol device within 180 days of			
initial startup of the EU?			/A	☐ Yes	☐ No
$\{A \text{ "vent" is any opening through wh}\}$	ich there is mechanicall	ly induced air flow for the			
purpose of exhausting from a building					
one or more affected EUs.}	, ,,	, ,			
b. Was the EU found to be in compli	ance with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions fro				☐ Yes	□No
č	<i>U</i> 1		1 ,	_	_
23. Is a wet scrubber used to control en	missions from the EU?			Yes	□No
If yes, does the owner/operator maint					_
a. a device for the continuous measu		oss of the gas stream through the	e		
scrubber and the device has bee					
instructions?				☐ Yes	⊠No
{Note: The monitoring device r					
pascals +1 inch water gauge pre	•	manufacturer to be accurate with	IIII 1230		
and	bbsure.				
b. a device for the continuous measu	rement of the scrubbing	liquid flow rate to the wet scrul	her and th	e	
device has been calibrated on a				☐ Yes	⊠No
{Note: The monitoring device r					☑140
of design scrubbing liquid flow		manufacturer to be accurate with	IIII +3 70		
of design scrubbing fiquid flow	rate.				
24. When was the last VE test conduct	ad by the owner/energy	tor for this EU2			
a. If EU is not subject to 40 CFR 60				☐ Yes	□No
		o been tested within the past 3	years?	☐ Tes	No
b. If EU is subject to 40 CFR subpar		m dom viacuma?		□ Vas	□ No
i. has the EU been tested during	g each of the past 4 cales	ndar years?		∐ Yes	∐No
ii. has the EU been tested yet w	ithin the current calenda	ır year?		Yes Yes	∐No
25 Was a VE test conducted by the av	u au/an augtau fan thia w	nit duning this site visit?		⊠ Vas	□ No
25. Was a VE test conducted by the ow				⊠ Yes	∐No
a. Was the VE test conducted at a pr	ocess rate that is represe	mative of the normal rate?		⊠ Yes	□No
Rate:	English EDA Mada a 4 00			V.	□ Na
b. Was the VE test conducted accord				⊠ Yes	∐No
c. The VE test resulted in an opacity				⊠ 3 7	
d. Did the VE test demonstrate comp	pliance with the opacity	limit? (See chart below)		Yes	∐No
	. 6 .1				
26. Was a VE test conducted by the ins				∐ Yes	⊠No
a. Was the VE test conducted at a pro-	ocess rate that is represe	ntative of the normal rate?		Yes Yes	∐No
Rate:					
b. Was the VE test conducted accord				☐ Yes	□No
c. The VE test resulted in an opacity		<u> </u>		_	_
d. Did the VE test demonstrate comp	oliance with the opacity	limit? (See chart below)		☐ Yes	□No
	VE On ma	:4 T ::4			
		ity Limits	G 1	000 577	
	EU not subject to	Subpart OOO EU	_	: 000 EU	
	40 CFR 60	constructed, modified,	constru	cted, modif	ied,
	Subpart OOO	or reconstructed prior	or recor	istructed or	n or
		to 4/22/2008	after 4/2		
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
7111 Other affected EOS	2070	10/0		7 /0	

Emissions Unit Section 3 –NMMP Plant-crusher belt, 54"

box for each question			(check 🗹	only one
Se the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO - Nonmetallic Mineral Processing Plants? Noise: "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, Gramite, Traprock, Sandstone, Quartz, Quantzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sund and Gravel; (3) Clay including Kaoline, 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) Punice; (8) Gilsonite; (9) Tale and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemante; (11) Braine; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Pertite; (16) Vermicultie; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, 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?		ł	ox for each	question)
Note: "Nommetallic minerals" 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, Grantie, Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, State, 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) Gysum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Cloride, and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Tale and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemanite; (11) Bartie; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15) Perlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dimortierite.) 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. 3. Was the EU constructed, modified, or reconstructed after August 31, 1983? Yes No. 4. 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. 4. Is the EU one of the following? Yes No. 5. Is the EU one of the following? Yes No. 6. Is the EU one of the following plant that reduces the size of nonmetallic minerals mebadded in recycled asphalt pavement or subsequent emissions until up to, but not including, the first storage silo or bin; Service 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) girzzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations. 6. Is the EU ocated at of device for separating material according to size by passing undersize material with candity induced air flow for th	Ις			,
or hot mix asphalt plant that has an aboveground crusher or grinding mill?	15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majoric 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) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic	y e, Gravel; Salt; ride, Kernite,	
or hot mix asphalt plant that has an aboveground crusher or grinding mill?	1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
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?	2.	Is the EU located above ground (i.e., not in an underground mine)?	Yes	□No
4. Is the EU one of the following? —				□No
storage bin,		Is the EU one of the following?		□No
□ 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. 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 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 □.No 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 □.No 8. Is the EU located at a common clay plant or pumice plant with capacity less than or		☐ crusher, ☐ grinding mill, ☐ bucket elevator, ☐ belt conveyor, ☐ bagging operation,		
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. 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?				
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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. 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? ———————————————————————————————————				
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. 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?				
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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. 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?	If	answer to any of the four Ouestions 1 -4 above is "No" then the EU is not subject to		
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 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?				
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?				
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?	_	Is the EII subject to 40 CED part 60 subpart E (Dartland Cament Plants) or		
any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	٥.			
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)?			□ Vec	\square No
capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	6		1 cs	
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)?	υ.		☐ Yes	\square No
capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	7.			\∪
8. Is the EU located at a common clay plant or pumice plant with capacity less than or	•		☐ Yes	□No
	8.			
			☐ Yes	□No
			_ 	

3 –NMMP Plant-crusher belt, 54"

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator 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?	., d material or ned and operated nineral material I from processing rial that is wetted	7	□No
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 crushed grinding mill or storage bin in the production line?	eted to extract conmetallic ccient surface the material ted solely by	Yes	□No
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?			
12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008? If answer to Question 12 is "No" skip the following questions and go directly to Question		Yes	□No
13. Does the EU have a particulate matter capture system (equipment including enclosure Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control of the system of the syst	es, device? [Yes	□No
14. Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU? b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.01 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?] N/A	Yes Yes Yes Yes Yes	☐ No ☐No ☐No ☐No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are a 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 [the	☐ Yes	□ No
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 (0.01 c. Was an initial VE test performed on fugitive emissions from non-vent building opening d. Were initial fugitive emissions from non-vent building openings less than or equal to	ıgs? [Yes Yes Yes	□No □No □No

3 –NMMP Plant-crusher belt, 54"

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 Manufacturing 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? If yes, does the owner/operator maintain and operate:	☐ Yes	□No
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
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.}		□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? 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
21. Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No

3 –NMMP Plant-crusher belt, 54"

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi	ssions limits:				
a. Was an initial PM stack test perfor	med on each vent contro	ol device within 180 days of			
initial startup of the EU?		N	/A	☐ Yes	☐ No
{A "vent" is any opening through whi	ich there is mechanicall	y induced air flow for the			
purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}					
b. Was the EU found to be in complia	ance with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7%	opacity?	☐ Yes	□No
23. Is a wet scrubber used to control en	nissions from the EU?			Yes Yes	□No
If yes, does the owner/operator mainta	ain and operate:				
 a. a device for the continuous measur 	ement of the pressure lo	oss of the gas stream through the	e		
scrubber and the device has been					
instructions?				Yes	□No
{Note: The monitoring device m	nust be certified by the r	nanufacturer to be accurate witl	nin +250		
pascals +1 inch water gauge pre	ssure.}				
and					
b. a device for the continuous measur					_
device has been calibrated on an				☐ Yes	∐No
{Note: The monitoring device m		nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow	rate.}				
24. When was the last VE test conducte			2		
a. If EU is not subject to 40 CFR 60 s		U been tested within the past 5	years?	∐ Yes	∐No
b. If EU is subject to 40 CFR subpart		1 0		□ xz	
i. has the EU been tested during				∐ Yes	∐No
ii. has the EU been tested yet wi	thin the current calenda	r year?		Yes Yes	∐No
25 Was a VE test conducted by the aw	nan/ananatan fan thia u	nit during this site visit?		⊠ Yes	□No
25. Was a VE test conducted by the <i>own</i> a. Was the VE test conducted at a pro				Yes	□No
Rate:	cess rate that is represe	mative of the normal rate:			NO
b. Was the VE test conducted accord	ing to FPA Method 9? -			⊠ Yes	□No
c. The VE test resulted in an opacity				Z 163	
d. Did the VE test demonstrate complete	liance with the onacity l	limit? (See chart below)		⊠ Yes	□No
d. Did the VL test demonstrate comp.	nance with the opacity i	mint: (See chart below).		Z Tes	
26. Was a VE test conducted by the ins	nector for this unit du	ing this site visit?		Yes	⊠No
a. Was the VE test conducted at a pro				Yes	□No
Rate:	coss race unat is represe				
b. Was the VE test conducted accord	ing to EPA Method 9? -			☐ Yes	□No
c. The VE test resulted in an opacity					
d. Did the VE test demonstrate comp				Yes	□No
1	1 ,	,		_	_
VE Opacity Limits					
	EU not subject to	Subpart OOO EU	_	OOO EU	
	40 CFR 60	constructed, modified,		cted, modifi	
	Subpart OOO	or reconstructed prior	or recon	structed on	or
		to 4/22/2008	after 4/2	22/2008	
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
	= = / V	- = / •			

Emissions Unit Section 4 –NMMP Plant-radial stacker belt, 46"

<u>Is</u>	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 majorities 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 Chlos 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) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	y e, Gravel; Salt; ride, Kernite,	
2. 3.	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✓ Yes	□No □No □No □No
sul If	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.		
6. 7.	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 ☐ Yes ☐ Yes	No
	equal to 9 megagrams/hour (10 tons/hour) ?	∐ Yes	∐No

4 –NMMP Plant-radial stacker belt, 46"

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?	l ng	Yes	□No
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
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?			
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			
13. 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
If answer to Question 13 is "No" skip the following questions and go directly to Question 19			
a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?		Yes Yes Yes Yes	☐ No ☐No ☐No ☐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?		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)? c. Was an initial VE test performed on fugitive emissions from non-vent building openings? d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	<u> </u>	Yes Yes Yes	No No No

4 -NMMP Plant-radial stacker belt, 46"

16. Is a baghouse used to control emissions from the EU?		esNo
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)	_	C3
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	□ Y	es No
18. Is a wet scrubber used to control emissions from the EU?	□ Y	esNo
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?	□ Y	esNo
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.}	□ Y	esNo
19.Is wet suppression used to control emissions from the EU?	□ Y	esNo
 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)?	☐ Y	es
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?	□ Y	esNo
21. Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Y ☐ Y	es No esNo esNo esNo

4 –NMMP Plant-radial stacker belt, 46"

22 If the EU is a building analysing any other regulated EUs and all analysed EUs are not			
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 "vent" is any opening through which there is mechanically induced air flow for the	ш	1 03	
purpose of exhausting from a building air carrying particulate matter (PM) emissions from			
one or more affected EUs.} h. Was the EU found to be in compliance with the PM limit of 0.05 g/deem (0.022 gr/deef)?	\Box	Vac	\square No
b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	H	Yes	□No
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	Ш	Yes	□No
23.Is a wet scrubber used to control emissions from the EU?		Yes	□No
If yes, does the owner/operator maintain and operate:	ш	1 03	□ 10
a. a device for the continuous measurement of the pressure loss of the gas stream through the			
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	ш	1 68	□ .\\ ∪
pascals +1 inch water gauge pressure.}			
pascais +1 men water gauge pressure.} and			
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?		Yes	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%	ш	105	
of design scrubbing liquid flow rate.}			
of design scrubbing fiquid flow rate.			
24. When was the last VE test conducted by the owner/operator for this EU?			
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:		105	L
i. has the EU been tested during each of the past 4 calendar years?		Yes	□No
ii. has the EU been tested utring each of the past 4 calendar year?	H	Yes	□No
II. Ittis tile 100 ocen tested jet widin die editent ediendal jedi.	ш	105	
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit?	\boxtimes	Yes	□No
a. Was the VE test conducted at a process rate that is representative of the normal rate?	Ħ		□No
Rate:	_		
b. Was the VE test conducted according to EPA Method 9?	\boxtimes	Yes	□No
c. The VE test resulted in an opacity of <u>0</u> % for the highest six-minute average.			
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)	\boxtimes	Yes	□No
	_		
26. Was a VE test conducted by the <i>inspector</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	□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
•	_		

Facility Section (continued)

REASONABLE PRECAUTIONS FOR UNCONFINED EMISSIONS	(check ✓ box for each	only one 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)?	⊠ Yes	□ No
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 c) Paving and maintaining roads and parking areas? N/A d) Removal of particulate matter from roads and other paved areas under control		☐ No ☐ No
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 <u>not</u> being taken: a) Did the inspector perform a general VE test (20% opacity)? N/A b) If tested: ()% opacity. Were the visible emissions < 20% opacity? c) What caused the problem(s) (if known)?	Yes Yes	□ No □No
CONFIRMATION OF GENERAL PERMIT ELIGIBILITY	(check b ox for each q	only one 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? b) 25 tons per year or more of any combination of hazardous air pollutants? c) 100 tons per year or more of any other regulated air pollutant?	Yes	□No □No □No
2. Does this facility include:a) any emission units or activities not covered by the applicable air general permit (with the exception units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) or		
Rule 62-4.040, F.A.C.)? If YES, what non-exempt units or activities?		⊠No

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? b) 23,000 gallons of gasoline? c) 44 million standard cubic feet on natural gas? d) 1.3 million gallons of propane? e) or an equivalent prorated amount if multiple fuels are used onsite (use equation below)? (-	No No No No No No
1. Has the owner or operator allowed the circumvention of any air pollution control device, or	(check 🗹 box for each	only one question)
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?b) ensure that the facility maintains its eligibility to use the air general permit and complies with all	X Yes	□No
terms and conditions of the air general permit?	⊠ Yes	□No
to the facility at reasonable times to inspect and test and to determine compliance with the air general permit and Department rules?		□No
RELOCATABLE PLANT		only one
1. The facility: ☐ is stationary; ☐ is relocatable; or ☒ consists of both stationary and relocatable NMMP and/or concrete batching plants. (<i>If only stationary, skip the following questions 2 and 3.</i>)	box for each	question)
 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? 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? 	5)]	□No
3. If the relocatable NMMP plant was co-located at a facility with a separate air construction or air operate 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?		□No

Administrative Changes: 1. Were there any changes in the name, address, or phone nu associated with a change in ownership or with a physical properations comprising the facility; or any other similar mi	relocation of the facility or any emissions units or	•
2. If YES, did the facility provide written notification within		□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 acement? Yes at is substantially different? Yes engistration form and the appropriate fee submitted	NoNoNoNoNo □No
FRANK DELGADO	8/8/2012	
Inspector's Name (Please Print)	Date of Inspection	
	8/2013	
Inspector's Signature	Approximate Date of Next Inspection	

COMMENTS: LORY SANVILLE, ENVIRONMENTAL SPECIALIST FROM FLORIDA ROCK INDUSTRIES PERFORMED FIVE (5) VISIBLE EMISSIONS TESTS ON THE PORTABLE CRUSHER AND ASSOCIATED EQUIPMENT. THIS PORTABLE CRUSHER WAS RELOCATED FROM THE FT. MYERS QUARRY TO THE MIAMI QUARRY ON 6/21/12. I DID NOT OBSERVE ANY VISIBLE EMISSIONS.