

(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#: 0251248 DATE: <u>1/17/2012</u> ARRIVE: <u>11:30 AM</u> DEPART:	12:20 PM				
FACILITY NAME: FLORIDA ROCK DIVISION-MIAMI QUARRY					
FACILITY LOCATION: 13100 W 41 ST					
MIAMI 33182					
OWNER/AUTHORIZED REPRESENTATIVE: GAIL RIDGEWAY Email: RIDGEWAYG@VMCMAIL.com CONTACT NAME: KENNY KNOWLES Email: ENTITLEMENT PERIOD: 6/27/2011 / 6/27/2016 (effective date) (end date) PHONE: (305)592-410 Mobile: (786)367-4819 PHONE: (305)592-266 Mobile:	9				
Facility Section PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box) ☑ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPLIANCE					
PART II: ONSITE INTRODUCTORY MEETING	(check 🗹 only one				
Name(s) of facility representative(s): <u>KENNY KNOWLES</u>	box for each question)				
Brief Notes:					
2. Is the Authorized Representative still GAIL RIDGEWAY?	⊠ Yes □No				
If different, did the facility provide an administrative update within 30 days? 3. Is the facility contact still KENNY KNOWLES? If no, who is?:	☐ Yes ☐No ☐ Yes ☐No				
4. Will facility be conducting VE test(s) during today's inspection?	∑ Yes				
-					

Emissions Unit Section 1 –NMMP Plant-Processing Equipment subject to NSPS Subpart OOO

box for each question			(check 🗹	only one
Set the Emissions Unit (EU) subicet 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 Limstene, Dolomice, Granite, Traprock, Sandstone, Quartz, Quartzite, Mart, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kaodin, Fireelay, Bentomite, 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 Sulfaire; (17) Plumice; (8) Glisonite; (9) Tale and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemanite; (11) Barrite; (12) Fluorospar; (13) Felaspar; (14) Diatomite; (15) Perlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.) 1. Is the EU located at a fixed or portable nonmetallic mineral processing plant or not mix asphalt plant that has an aboveground crusher or grinding mill?		1	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, Granite, Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kaolin, Fireclay, Bentionite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt; (5) Grysum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chloride, 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) Ferlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalustie, 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?	Te ·			1
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 majori is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granix 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	ty te, 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.		Yes	□No
□ crusher, □ grinding mill, □ bucket elevator, □ belt conveyor, □ bagging operation, □ storage bin, □ enclosed truck loading station □ enclosed railcar loading station; □ crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage silo or bin; □ screening operation (a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series, and retaining oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.) □ building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.} If answer to any of the four Questions 1 - 4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5. 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	3.	Was the EU constructed, modified, or reconstructed after August 31, 1983?		□No
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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?		which there is mechanically induced air flow for the purpose of exhausting from a building		
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?		air carrying particulate matter (PM) emissions from one or more affected EUs.}		
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?	su	opart OOO so skip the following questions and go directly to Question 24.		
any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	5.			
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)?			_	_
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)?	6.		N 10	□ N7
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	/.		□ Vac	⊠ No
	8		1 es	₩ 1
-1 >88-3	•		☐ Yes	⊠No

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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?	d '	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
	{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?		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			
14	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	i. 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
	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)? 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?		Yes Yes Yes	□No □No □No

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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)		
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.} 		□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

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individually in compliance with emissions limitis: a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU? (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. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? (Yes No c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity? Yes No c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity? Yes No c. Were initial fugitive emissions from the EU? (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 pascals +1 inch water gauge pressure.) and 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 +250 pascals +1 inch water gauge pressure.) and device has been calibrated on the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on the scrubbing liquid 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 life EU is subject to 40 CFR subpart OOO. i. has the EU been tested during each of the past 4 calendar year? Yes No a. Was the VE test conducted by the owner/operator for this unit during this site visit? Yes No a. Was the	22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
initial startup of the EU?	individually in compliance with emi	ssions 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. b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?						_
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)?				/A	☐ Yes	☐ No
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)? Yes						
b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)		air carrying particulat	te matter (PM) emissions from			
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?-					_	
23. Is a wet scrubber used to control emissions from the EU?					=	=
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? ————————————————————————————————————	c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7%	opacity?	☐ 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? ————————————————————————————————————	23 Is a wet scrubber used to control en	nissions from the FII?			□ Ves	□ 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? [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 device has been calibrated on an annual basis in accordance with manufacturer's instructions?						
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? —	•		oss of the gas stream through the	e.		
instructions?						
Note: The monitoring device must be certified by the manufacturer to be accurate within +250					☐ Yes	□No
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 device has been calibrated on an annual basis in accordance with manufacturer's instructions? -						
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 {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? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? YesNo b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years?		•	nanaractarer to se accurace with	11111 1250		
device has been calibrated on an annual basis in accordance with manufacturer's instructions? — Yes {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?		, , , , , , , , , , , , , , , , , , ,				
device has been calibrated on an annual basis in accordance with manufacturer's instructions? -	b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	bber and the	e	
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?						□No
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?	{Note: The monitoring device m	ust be certified by the r	nanufacturer to be accurate with	hin +5%		
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?	of design scrubbing liquid flow	rate.}				
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?						
b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years?						
i. has the EU been tested during each of the past 4 calendar years?			U been tested within the past 5	years?	∐ Yes	∐No
ii. has the EU been tested yet within the current calendar year?			. 1 9			□ M.
25. Was a VE test conducted by the owner/operator for this unit during this site visit? Yes					=	=
a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes	n. has the EU been tested yet wi	unn the current calenda	r year?		☐ 1 es	NO
a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes	25. Was a VE test conducted by the own	ner/onerator for this u	nit during this site visit?		⊠ Yes	□No
Bate:						=
b. Was the VE test conducted according to EPA Method 9?						
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) YesNo 26. Was a VE test conducted by the inspector for this unit during this site visit? YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: b. Was the VE test conducted according to EPA Method 9? YesNo 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) YesNo VE Opacity Limits EU not subject to 40 CFR 60		ng to EPA Method 9? -			Yes	□No
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ————————————————————————————————————						
a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes	d. Did the VE test demonstrate compl	iance with the opacity	limit? (See chart below)		Yes	□No
a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes						
Bate:						=
b. Was the VE test conducted according to EPA Method 9?	1	cess rate that is represe	ntative of the normal rate?		⊥ 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) YesNo \[\begin{align*} ali	h Was the VE test conducted accordi	ng to EDA Mothod 02			□ Vas	□ No
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo \[\begin{align*} \beg					res	NO
VE Opacity Limits EU not subject to 40 CFR 60 constructed, modified, Subpart OOO EU constructed prior to 4/22/2008 Crusher with no capture system VE Opacity Limits Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% 12%					□ Ves	\square No
EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008	d. Did the VII test demonstrate compr	nunce with the opacity	mint. (See chart selow).			
EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008		WE O				
40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 crusher with no capture system 20% constructed, modified, or reconstructed on or after 4/22/2008 crusher with no capture system 20% 15% 12%					000 FH	
Subpart OOO or reconstructed prior to 4/22/2008 or reconstructed on or after 4/22/2008 Crusher with no capture system 20% 15% 12%			_	_		ام
to 4/22/2008 after 4/22/2008 Crusher with no capture system 20% 15% 12%						
Crusher with no capture system 20% 15% 12%		Suppart OOO	_			or
1 7	C 1 31	200/		atter 4/2		
All other affected EUS 20% 10% /%						
	All other affected EUS	20%	10%		1%	

Emissions Unit Section 2 –NMMP Plant-Crushers not subject to NSPN Subpart OOO

		(check 🗹	only one
	ł	ox for each	question)
Ις	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processir		• /
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)?		□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?		□No
4.	Is the EU one of the following?	X 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 Yes	□No

2 –NMMP Plant-Crushers not subject to NSPN Subpart OOO

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?	\boxtimes	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 operation	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.}	icu		
	solely by well 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			
-0	downstream of wet mining operation that process saturated material up to the first crusher,			
	grinding mill or storage bin in the production line?	\boxtimes	Yes	□No
	grinding film of storage on in the production fine:		105	
	[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.}			
1£	answer to any of the six Overtions 5, 10, above is "Ver" than the EU is not subject to			
	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to			
	bpart 000 so skip the following questions and go directly to Question 24.			
IJ	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.			
11	When was the FU last constructed modified or reconstructed?			
11	.When was the EU last constructed, modified, or reconstructed?			
12	Was the EU constructed modified on reconstructed on an often 4/22/20009		Vac	⊠ No
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	Ш	Yes	⊠No
Τſ	angular to Question 12 is "No" object to following anastions and as directly to Question 20			
IJ	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 enclosures,			
13	Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?		Yes	⊠No
	1100ds, rails, dampers, etc.) to capture and transport particulate matter to a control device:	ш	168	△ N0
Ιf	answer to Question 13 is "No" skip the following questions and go directly to Question 19			
IJ	unswer to Question 13 is 140 skip the joilowing questions and go directly to Question 19			
1/1	.Initial Tests:			
17	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
	<u> </u>	=		=
	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 any fugitive emissions (escaping capture system)?	=	Yes	∐No
	d. If yes, was the opacity less than or equal to 7% opacity?	Ш	Yes	∐No
1.5	1641 - ETI (1 - 212 1 - 2			
13	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?	Ш	Yes	∐ No
	$\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the }$			
	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	□No
	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?		Yes	☐No

2 –NMMP Plant-Crushers not subject to NSPN Subpart OOO

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 Manufacturi 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

2 –NMMP Plant-Crushers not subject to NSPN Subpart OOO

individually in compliance with emissions limits: a. Was an initial Startup of the EU?	22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
initial startup of the EU?						
initial startup of the EU?	a. Was an initial PM stack test perfor	med on each vent contro	ol device within 180 days of			
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)?	initial startup of the EU?		N	/A	☐ Yes	☐ No
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)?	{A "vent" is any opening through whi	ich there is mechanicall	y induced air flow for the			
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)?	purpose of exhausting from a building	air carrying particular	te matter (PM) emissions from			
b. Was the EÜ found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? ves						
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?-		ance with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		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: 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?	23. Is a wet scrubber used to control en	nissions 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?					_	_
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? —			oss of the gas stream through the	2		
instructions?						
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 device has been calibrated on an annual basis in accordance with manufacturer's instructions?	instructions?				☐ Yes	□No
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 device has been calibrated on an annual basis in accordance with manufacturer's instructions?	{Note: The monitoring device m	nust be certified by the r	nanufacturer to be accurate with	nin +250	_	
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?		•				
device has been calibrated on an annual basis in accordance with manufacturer's instructions? — Yes {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?		•				
{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? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? YesNo b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? YesNo ii. has the EU been tested yet within the current calendar year? YesNo a. Was the EU been tested by the owner/operator for this unit during this site visit? YesNo a. Was the VE test conducted by the owner/operator for this unit during this site visit? YesNo c. The VE test conducted according to EPA Method 9? YesNo c. The VE test sulted in an opacity of					e	
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 Yes	□No
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?	{Note: The monitoring device m	nust be certified by the r	nanufacturer to be accurate with	nin +5%		
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? —	of design scrubbing liquid flow	rate.}				
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? —						
b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years?				0		
i. has the EU been tested during each of the past 4 calendar years?	•		U been tested within the past 5	years?	∐ Yes	∐No
ii. has the EU been tested yet within the current calendar year?			. 1 9			□ N.
25. Was a VE test conducted by the owner/operator for this unit during this site visit? \(\text{Yes} \)No Rate: \(\text{bwas the VE test conducted according to EPA Method 9? \(\text{for the highest six-minute average.} \) d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) \(\text{Yes} \)No Rate: \(\text{No tas a VE test conducted by the inspector for this unit during this site visit? \(\text{Yes} \)No Rate: \(\text{bwas a VE test conducted at a process rate that is representative of the normal rate? \(\text{Yes} \)No Rate: \(\text{bwas the VE test conducted according to EPA Method 9? \) for the highest six-minute average. \(\text{d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) \(\text{Yes} \)No \(\text{Doacity Limits} \) \(\text{Unot subject to 40 CFR 60 } \) Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 \(\text{Crusher with no capture system} \) \(\text{200} \) \(\text{2008} \) \(\text{15\%} \) \(\text{12\%} \)						=
a. Was the VE test conducted at a process rate that is representative of the normal rate?	ii. has the EU been tested yet wi	thin the current calenda	r year?		ĭ res	□N0
a. Was the VE test conducted at a process rate that is representative of the normal rate?	25 Was a VE test conducted by the awa	nor/onorator for this m	nit during this site visit?		⊠ Ves	\square No
Bate:						
b. Was the VE test conducted according to EPA Method 9?	=	cess rate that is represe	mative of the normal rate:		Z Tes	
c. The VE test resulted in an opacity of		ing to EPA Method 9? -			⊠ Yes	\square No
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)	c. The VE test resulted in an opacity	of % for the high	est six-minute average.			
26. Was a VE test conducted by the inspector for this unit during this site visit? —	d. Did the VE test demonstrate comp	liance with the opacity	limit? (See chart below)		⊠ Yes	□No
a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes		y	(2000).			
Bate: b. Was the VE test conducted according to EPA Method 9?	26. Was a VE test conducted by the ins	pector for this unit du	ring this site visit?		☐ Yes	□No
b. Was the VE test conducted according to EPA Method 9?	a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		☐ 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) YesNo \[\begin{align*} ali						
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ————————————————————————————————————					Yes	□No
VE Opacity Limits EU not subject to 40 CFR 60 constructed, modified, Subpart OOO EU constructed prior to 4/22/2008 Crusher with no capture system VE Opacity Limits Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008 15% 12%					_	
EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008	d. Did the VE test demonstrate comp	liance with the opacity	limit? (See chart below)		Yes Yes	□No
EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008						
EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008		VE Onac	itv I imits			
40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 crusher with no capture system 20% constructed, modified, or reconstructed on or after 4/22/2008 crusher with no capture system 20% 15% 12%				Subpart	OOO FII	
Subpart OOO or reconstructed prior to 4/22/2008 or reconstructed on or after 4/22/2008 Crusher with no capture system 20% 15% 12%		•	_	_		ha
to 4/22/2008 after 4/22/2008 Crusher with no capture system 20% 15% 12%					•	
Crusher with no capture system 20% 15% 12%		Suppart OOO	_			OF
1 1	C 1 21	2007		arter 4/2		
All other affected EUs 20% 10% 7%						
	All other affected EUs	20%	10%		7%	

Emissions Unit Section 3 –NMMP Plant-All other facilities subject to subpart OOO

		(check ☑	only one
	ŀ	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 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 Chlorand 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.}	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
	Is the EU located above ground (i.e., not in an underground mine)?		□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?		□No
4.	Is the EU one of the following?	⊠ Yes	□No
	☐ crusher, ☐ grinding mill, ☐ bucket elevator, ☐ belt conveyor, ☐ bagging operation, ☐ storage bin, ☐ enclosed truck loading station ☐ enclosed railcar loading station;		
	crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic		
	minerals embedded in recycled asphalt pavement or subsequent emissions unit up to,		
	but not including, the first storage silo or bin;		
	screening operation (a device for separating material according to size by passing		
	undersize material through one or more mesh surfaces (screens) in series, and retaining		
	oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping		
	and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing		
	plant are not considered to be screening operations.) building enclosing any of the above EUs if all enclosed EUs are not individually in		
	compliance with emissions limits. $\{A \text{ "vent" is any opening through } \}$		
	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	□ v	□ N-
R	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	☐ Yes	□No
0.	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		

<u>3 –NMMP Plant-All other facilities subject to subpart OOO</u>

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	⊠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?	Yes Yes Yes	□No □No □No

3 –NMMP Plant-All other facilities subject to subpart OOO

16. Is a baghouse used to control emissions from the EU?	Y	Tes [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	Y	Yes [☐ No
18.Is a wet scrubber used to control emissions from the EU? If yes, does the owner/operator maintain and operate:	☐ Y	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?	□ 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)?	□ Y	les [□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?	□ Y	les [⊠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?	Y	Yes [Yes [Yes [NoNoNoNo

<u>3 –NMMP Plant-All other facilities subject to subpart OOO</u>

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi					
a. Was an initial PM stack test perform				_	_
initial startup of the EU?			/A	∐ Yes	∐ No
{A "vent" is any opening through whi					
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				∐ Yes	∐No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7% of	opacity?	☐ Yes	□No
23.Is a wet scrubber used to control em	riagiona fuom the EUO			☐ Yes	□No
If yes, does the owner/operator mainta					110
a. a device for the continuous measur		oce of the gas stream through the	2		
scrubber and the device has beer					
instructions?				☐ Yes	□No
{Note: The monitoring device m					
pascals +1 inch water gauge pres	-	nandiacturer to be accurate with	III 1230		
and	33410. j				
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	ber and the	e	
device has been calibrated on an				Yes	□No
{Note: The monitoring device m	ust be certified by the r	nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow i					
24. When was the last VE test conducte					
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			
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 <i>own</i>	ner/onerator for this up	nit during this site visit?		⊠ Yes	□No
a. Was the VE test conducted at a pro				⊠ Yes	□No
Rate:	coss rate that is represen				
b. Was the VE test conducted accordi	ng to EPA Method 9? -			⊠ Yes	□No
c. The VE test resulted in an opacity of	of% for the higher	est six-minute average.			
d. Did the VE test demonstrate compl	iance with the opacity l	limit? (See chart below)		Yes	□No
				_	_
26. Was a VE test conducted by the insp				∐ Yes	⊠No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		☐ Yes	∐No
Rate:	TD 1 1 1 100				
b. Was the VE test conducted accordi				Yes	□No
c. The VE test resulted in an opacity of				□ Van	□ Na
d. Did the VE test demonstrate compl	nance with the opacity i	imit? (See chart below)		Yes	□No
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	_	OOO EU	
	40 CFR 60	constructed, modified,	construc	ted, modifi	ed,
	Subpart OOO	or reconstructed prior	or recon	structed or	or
	-	to 4/22/2008	after 4/2		
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	

Emissions Unit Section 4 –NMMP Plant-Process equip't except crushers not subject toOOO

		(check 🗹	only one
	1	ox for each	question)
Te	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Procession		1
	{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, Granic 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.} 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?	ty te, Gravel; Salt; ride, Kernite,	□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
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	1 es	INO
٠.	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	□No
	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

<u>4 –NMMP Plant-Process equip't except crushers not subject toOOO</u>

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	□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?	☐ Yes ☐ Yes ☐ Yes	□No □No □No

<u>4 –NMMP Plant-Process equip't except crushers not subject toOOO</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 Manufacturi 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

<u>4 –NMMP Plant-Process equip't except crushers not subject toOOO</u>

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emis					
a. Was an initial PM stack test perform	ned on each vent contr	ol device within 180 days of			
initial startup of the EU?		N	/A	☐ Yes	☐ No
{A "vent" is any opening through which	ch there is mechanicall	ly induced air flow for the			
purpose of exhausting from a building	air carrying particular	te matter (PM) emissions from			
one or more affected EUs.}		•			
b. Was the EU found to be in complia	nce with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		Yes	□No
c. Were initial fugitive emissions from				Yes	□No
23. Is a wet scrubber used to control em				☐ Yes	□No
If yes, does the owner/operator mainta					
a. a device for the continuous measure					
scrubber and the device has been					
instructions?				∐ Yes	∐No
{Note: The monitoring device m	•	manufacturer to be accurate with	nin +250		
pascals +1 inch water gauge pres	sure.}				
and		1: and 4 flammata to the second	L1	_	
b. a device for the continuous measure device has been calibrated on an					□ No
				☐ Yes	∐No
{Note: The monitoring device m		manufacturer to be accurate with	nın +5%		
of design scrubbing liquid flow r	ate.}				
24. When was the last VE test conducted	d by the owner/oners	tor for this EU?			
a. If EU is not subject to 40 CFR 60 s			vears?	☐ Yes	□No
b. If EU is subject to 40 CFR subpart		e been tested within the past 5	years.		
i. has the EU been tested during		ndar vears?		☐ Yes	□No
ii. has the EU been tested yet wit	hin the current calenda	r vear?		Yes	No
y y		- J			
25. Was a VE test conducted by the own	er/operator for this u	nit during this site visit?		Yes	□No
a. Was the VE test conducted at a pro				Yes	□No
Rate:	1			_	_
b. Was the VE test conducted accordi	ng to EPA Method 9? -			☐ Yes	□No
c. The VE test resulted in an opacity of	of% for the high	est six-minute average.			
d. Did the VE test demonstrate compl	iance with the opacity	limit? (See chart below)		Yes Yes	☐No
				_	_
26. Was a VE test conducted by the insp				Yes	∐No
a. Was the VE test conducted at a pro-	cess rate that is represe	entative of the normal rate?		☐ Yes	∐No
Rate:	- FD - M -1 - 100			□ ***	
b. Was the VE test conducted accordi				Yes	No
c. The VE test resulted in an opacity of				□ 3 7	□ N1.
d. Did the VE test demonstrate compl	iance with the opacity	limit? (See chart below)		Yes	□No
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	OOO EU	
	40 CFR 60	constructed, modified,	_	cted, modifi	ed.
		Total actor, intomited,		*	-
	Subpart OOO	or reconstructed prior	Or POCON	structed on	or
1	Subpart OOO	or reconstructed prior		structed on	or
Crushar with no continue aviations		to 4/22/2008	or recon after 4/2	2/2008	or
Crusher with no capture system All other affected EUs	20% 20%	_			or

Emissions Unit Section 5 –NMMP Plant-Diesel powered units

		(check 🗹	only one
	ł	ox for each	question)
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin	g Plants?	
A 13	{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 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,	
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
4.	Is the EU one of the following?	☐ Yes	□No
	☐ crusher, ☐ grinding mill, ☐ bucket elevator, ☐ belt conveyor, ☐ bagging operation,		
	storage bin, enclosed truck loading station enclosed railcar loading station;		
	crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic		
	minerals embedded in recycled asphalt pavement or subsequent emissions unit up to,		
	but not including, the first storage silo or bin;		
	screening operation (a device for separating material according to size by passing		
	undersize material through one or more mesh surfaces (screens) in series, and retaining		
	oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping		
	and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing		
	plant are not considered to be screening operations.)		
	building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {A "vent" is any opening through		
	which there is mechanically induced air flow for the purpose of exhausting from a building		
	air carrying particulate matter (PM) emissions from one or more affected EUs.}		
	un currying purneutitie (1 in) emissions from one or more affected 20s.;		
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.		
_	Y 1 TW 11 (10 CTP) (10 CTP) (10 CTP)		
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	□ x ₇	
_	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	Yes	□No
0.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a	□ V	□ Na
7	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	□No
/٠	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	\square No
Ω	Is the EU located at a common clay plant or pumice plant with capacity less than or	res	□No
0.	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No
	equal to 7 megagrams/nour (10 tons/nour):		₹∪

<u>5 –NMMP Plant-Diesel powered units</u>

9. Is the EU a wet screening operation or subsequent screen belt conveyor in a production line that processes saturate grinding mill or storage bin in the production line?{Note: "wet screening operation" means a screening op which separates marketable fines from the product by a at all times such that the product is saturated with water with sufficient surface moisture such that particulate ma of the material through screening operations, bucket ele solely by wet suppression systems is not considered to be	ed material up to the first crusher,	l ng	□No
10. Is the EU a screening operation, bucket elevator or belt of downstream of wet mining operation that process saturate grinding mill or storage bin in the production line? [Note: Wet mining operation means a mining or dredging any nonmetallic mineral from deposits existing at or below mineral is saturated with water. "Saturated material" manisture such that particulate matter emissions are not atthrough screening operations, bucket elevators and belt wet suppression systems is not considered to be "saturated".	ted material up to the first crusher, ag operation designed and operated to extract by the water table, where the nonmetallic because mineral material with sufficient surface generated from processing of the material conveyors. Material that is wetted solely by	☐ Yes	□No
If answer to any of the six Questions 5 -10 above is "Yes" subpart OOO so skip the following questions and go direct If the answer to all of the six Questions 5-10 above is "No 11. When was the EU last constructed, modified, or record	then the EU is not subject to by to Question 24. Then continue to Question 11.		
12. Was the EU constructed, modified, or reconstructed If answer to Question 12 is "No" skip the following question		☐ Yes	□No
13. Does the EU have a particulate matter capture system Hoods, fans, dampers, etc.) to capture and transpor If answer to Question 13 is "No" skip the following question	(equipment including enclosures, t particulate matter to a control device?	Yes	□No
14. Initial Tests: a. Was an initial PM stack test performed on the control initial startup of the EU? b. If yes, was the EU found to be in compliance with the c. Was an initial VE test performed on any fugitive emis d. If yes, was the opacity less than or equal to 7% opacity	PM limit of 0.032 g/dscm (0.014 gr/dscf)?sions (escaping capture system)?	Yes Yes Yes Yes Yes	☐ No ☐No ☐No ☐No
15. If the EU is a building enclosing any other regulated individually in compliance with emissions limits: a. Was an initial PM stack test performed on each vent c initial startup of the EU?	ontrol device within 180 days of	Yes	□ No
one or more affected EUs.) b. If yes, was the EU found to be in compliance with the c. Was an initial VE test performed on fugitive emission d. Were initial fugitive emissions from non-vent building	s from non-vent building openings?	Yes Yes Yes	□No □No □No

<u>5 –NMMP Plant-Diesel powered units</u>

16. Is a baghouse used to control emissions from the EU?		Yes	□No
If yes, the owner operator:			
uses a bag leak detection system specified in 40 CFR 60.674(d);			
☐ follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	ng		
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		* 7	
instructions?	· Ш	Yes	∐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?		Vac	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%	Ш	103	
of design scrubbing liquid flow rate.}			
of design scrubbing fiquid flow rate.			
19. Is wet suppression used to control emissions from the EU?		Yes	□No
19. Is wet suppression used to control emissions from the EU?		Yes	□No
If yes:		Yes	□No
		Yes	□No
If yes: a. Does the owner/operator perform monthly inspections to check that water is flowing to		Yes	□No
If yes: a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?		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		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? 			□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? 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 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)?			
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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)?		Yes	
 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 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 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 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 Yes	NoNo
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 Yes Yes Yes	
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 Yes Yes Yes Yes	
 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 Yes Yes Yes	

<u>5 –NMMP Plant-Diesel powered units</u>

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi					
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
$\{A \text{ "vent" is any opening through whith}$	ich there is mechanicall	y induced air flow for the			
purpose of exhausting from a building					
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				Yes	□No
		8	- F J		
23. Is a wet scrubber used to control en	nissions from the EU?			☐ Yes	□No
If yes, does the owner/operator mainta					_
a. a device for the continuous measur		oss of the gas stream through the	e		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m					
pascals +1 inch water gauge pre	•				
and	554201)				
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrul	ber and th	e	
device has been calibrated on an				☐ Yes	□No
{Note: The monitoring device m					
of design scrubbing liquid flow					
24. When was the last VE test conducte	d by the owner/operat	tor for this EU?			
a. If EU is not subject to 40 CFR 60 s	2	· · · · · · · · · · · · · · · · · · ·	vears?	☐ Yes	□No
b. If EU is subject to 40 CFR subpart		1	,	_	_
i. has the EU been tested during		ndar years?		☐ Yes	□No
ii. has the EU been tested yet wi				Yes	□No
ř		•		_	
25. Was a VE test conducted by the own	ner/operator for this u	nit during this site visit?		☐ Yes	□No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		☐ Yes	□No
Rate:					
b. Was the VE test conducted accord	ing to EPA Method 9? -			☐ Yes	□No
c. The VE test resulted in an opacity	of% for the high	est six-minute average.			
d. Did the VE test demonstrate comp	liance with the opacity l	limit? (See chart below)		☐ Yes	□No
26. Was a VE test conducted by the inst				Yes	<u></u> No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		Yes	□No
Rate:				_	_
b. Was the VE test conducted accord				☐ Yes	□No
c. The VE test resulted in an opacity				_	_
d. Did the VE test demonstrate comp	liance with the opacity l	limit? (See chart below)		Yes Yes	No
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	Subnaut	OOO EU	
	•	_	_		. d
	40 CFR 60	constructed, modified,		cted, modific	-
	Subpart OOO	or reconstructed prior		structed on	or
		to 4/22/2008	after 4/2		
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
1		· · · · · · · · · · · · · · · · · · ·		·	ı

Emissions Unit Section 6 –Portable 42" telescoping Radial Stacker

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 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 S (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlor 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? ———————————————————————————————————	y e, Gravel; Salt; ide, Kernite, ulite; Yes	No No No No
Τf	□ 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.} answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to		
su	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
	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
	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
	equal to 9 megagrams/hour (10 tons/hour)?	Yes	□No

<u>6 -Portable 42" telescoping Radial Stacker</u>

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?	⊠ 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 operat	ed	
	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 processi		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet	ted	
	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
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 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? 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	□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 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.}	□ 37	□ N7
	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?d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?		□No □No
	a. Were minual rugitive emissions from non-vent building openings less than of equal to 7% opacity?	1 es	NO

<u>6 -Portable 42" telescoping Radial Stacker</u>

16. Is a baghouse used to control emissions from the EU?	X Ye	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 Manufacturi 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		es 🗌 No
18. Is a wet scrubber used to control emissions from the EU?	☐ Ye	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?	Ye	es 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.}		esNo
19. Is wet suppression used to control emissions from the EU?		esNo
 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)?	☐ Ye	es 🗀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?	☐ Ye	es 🔲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?	 Y€ Y€ Y€ Y€	esNo esNo

<u>6 -Portable 42" telescoping Radial Stacker</u>

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	103	
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)?		Yes	□No
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	H	Yes	□No
c. Well linual fugitive emissions from non-vent bunding openings less than of equal to 170 opacity.	ш	105	L10
23. Is a wet scrubber used to control emissions from the EU?		Yes	□No
If yes, does the owner/operator maintain and operate:		103	
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	103	L
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	ie.		
device has been calibrated on an annual basis in accordance with manufacturer's instructions?		Ves	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%		103	L10
of design scrubbing liquid flow rate.}			Į!
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:	ш	103	L
i. has the EU been tested during each of the past 4 calendar years?		Yes	□No
ii. has the EU been tested get within the current calendar year?iii. has the EU been tested yet within the current calendar year?	H	Yes	□No
II. Has the 150 occil tested yet within the current calcidat year.	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?	X	Yes	□No
Rate:	لكنا	100	
b. Was the VE test conducted according to EPA Method 9?	\boxtimes	Yes	□No
c. The VE test resulted in an opacity of% for the highest six-minute average.		105	
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)	\boxtimes	Yes	□No
d. Did the VD test demonstrate compilative with the opacity mint. (See chair select).	لكا	105	L
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?	Ħ	Yes	□No
Rate:		100	
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.	ш	100	L
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)		Yes	□No
di Did die 12 test demonstrate compilance min die spacity mint. (200 cinit 2010).		105	
			l

Facility Section (continued)

REASONABLE PRECAUTIONS FOR UNCONFINED EMISSIONS	(check only one box for each question)	
1. Does the owner/operator of the NMMP Plant take reasonable precautions to control unconfined		
emissions by: a) Use of water suppression system(s) with spray bars located wherever unconfined emissions occur (at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points)? N/A If no, where are unconfined emissions occurring?	⊠ 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	⊠ Yes □ Yes	□ No ☑ No
of the owner/operator to prevent re-entrainment, and from building or work areas to reduce airborne particulate matter? N/A e) Reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of	⊠ Yes	☐ No
particulate matter from stock piles? \square\ 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 1. Does this facility keep records to show that it does not have the potential to emit.	(check 🗹 box for each o	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?	or	⊠No
b) any emissions units or activities authorized by another air general permit where such other air gene permit and this general permit specifically allow the use of one another at the same facility? If YES, what other general permit 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
GENERAL CONDITIONS 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	- 🛭 Yes	□No
terms and conditions of the air general permit?		□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 1. The facility: ☐ is stationary; ☐ is relocatable; or ☐ consists of both stationary and relocatable NMMP and/or concrete batching plants. (If only stationary, skip the following questions 2 and 3.)	(check ☑ box for each	only one 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(to the Department or Local Air Program no later than five business days following relocation? 	6)]	□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?	- Yes	□No

CHANGES Administrative Changes:	(check ✓ box for each	only one n question)
 Were there any changes in the name, address, or phone is associated with a change in ownership or with a physical operations comprising the facility; or any other similar in the second of the facility provide written notification with the facility provide written notification with the facility provide written notification. 	Il relocation of the facility or any emissions units or minor administrative change at the facility? Yes	⊠No □No
New or Modified Process Equipment or Change in Ownersl 3. Since the last registration form submittal has there been a) Installation of any new process equipment? b) Alterations to existing process equipment without rep c) Replacement of existing equipment with equipment t d) A change in ownership?	hip:	□No □No □No □No □No
FRANK DELGADO	1/17/2012	
Inspector's Name (Please Print)	Date of Inspection	
	1/2013	
Inspector's Signature	Approximate Date of Next Inspection	

COMMENTS: KOOGLER AND ASSOCIATES PERFORMED VISIBLE EMISSIONS TESTS ON THE ROCK QUARRY'S EQUIPMENT. I DID NOT OBSERVE ANY VISIBLE OR FUGITIVE EMISSIONS DURING MY INSPECTION.

REVIEWED

By Ray Gordon at 10:59 am, Feb 03, 2012