

$\frac{\textbf{NON-METALLIC MINERAL PROCESSING}}{\underline{\textbf{PLANTS}}}$



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) COMPLAINT/DISCOVERY (CI) RE-INSPECTION (FUI) ARMS COMPLAINT NO:				
AIRS ID#: 7775210 DATE: <u>1/20/2011</u> ARRIVE: <u>10:30</u> DEPA	ART: <u>14:05</u>			
FACILITY NAME: DLREES				
FACILITY LOCATION: 11281 ROCKET BLVD				
ORLANDO 32824-8546				
OWNER/AUTHORIZED REPRESENTATIVE: DAVID REES Email: CONTACT NAME: DAVID REES Email: reesrocks@aol.com ENTITLEMENT PERIOD: 11/29/2010 / 11/29/2015 (effective date) (end date) PHONE: (407)25 Mobile: (407)94	51-6650			
Facility Section PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box) ☑ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPLIANCE				
PART II: ONSITE INTRODUCTORY MEETING 1. Name(s) of facility representative(s): David Rees Brief Notes:	(check 🗹 only one box for each question)			
2. Is the Authorized Representative still DAVID REES?	YesNo			
If different, did the facility provide an administrative update within 30 days? 3. Is the facility contact still DAVID REES?				
4. Will facility be conducting VE test(s) during today's inspection?				

Emissions Unit Section 1 –NMMP Plant-crusher(impact)vibrfdr,sprabars,dieselRICE300T/hr

		(check 🗹	only one
	ŀ	ox for each	question)
<u>Is</u>	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granity 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.}	ng Plants? y e, Gravel; Salt; ride, Kernite,	1
2. 3.	Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill? ———————————————————————————————————		No No No No
su 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. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or		
6.	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
	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

$\underline{1-NMMP\ Plant-crusher(impact)vibrfdr,sprabars,dieselRICE300T/hr}$

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? 6/2003		
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

$\underline{1-NMMP\ Plant-crusher(impact)vibrfdr,sprabars,dieselRICE300T/hr}$

16. Is a baghouse used to control emissions from the EU?	Yes	□No
If yes, the owner operator: conducts quarterly 30-minute VE tests using Method 22;		
uses a bag leak detection system specified in 40 CFR 60.674(d);		
follows the requirements of 40 CFR 63AAAAA Lime Manufacturir	ıg	
as specified in 40 CFR 60.674(e); or		
none of the above (i.e., out of compliance)		
477 4641 4777 1 1 1 1 1 4 11 4 11 1 1 1		
17. If the EU is an individual, enclosed storage bin controlled by a baghouse,	□ V	□ Na
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:	1 cs	
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
instructions?	☐ Yes	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250	_	_
pascals +1 inch water gauge pressure.}		
and		
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the		
device has been calibrated on an annual basis in accordance with manufacturer's instructions?	∐ Yes	∐No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%		
of design scrubbing liquid flow rate.}		
19. Is wet suppression used to control emissions from the EU?	₩ v	□ Na
	ĭ res	∐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 capture system (equipment including enclosures,	□ x/	
Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	res	⊠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? N/A	Yes	☐ No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	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

$\underline{1-NMMP\ Plant-crusher(impact)vibrfdr,sprabars,dieselRICE300T/hr}$

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 perform	med on each vent contro	ol device within 180 days of			_
initial startup of the EU?			/A	Yes Yes	☐ No
$\{A \text{ "vent" is any opening through whith}\}$					
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%	opacity?	☐ Yes	∐No
23. Is a wet scrubber used to control en	nissions from the EU?			☐ Yes	⊠No
If yes, does the owner/operator mainta					2310
a. a device for the continuous measure		oss of the gas stream through the	a		
scrubber and the device has beer					
instructions?				☐ Yes	□No
{Note: The monitoring device m					
pascals +1 inch water gauge pres	•	nanaractarer to be accurate with	1111 1250		
and	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
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	annual basis in accorda	ance with manufacturer's instruc	ctions?	☐ 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	rate.}				
24. When was the last VE test conducted by the owner/operator for this EU? 11/12/2008					
	a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?			⊠ Yes	∟No
b. If EU is subject to 40 CFR subpart OOO:					
i. has the EU been tested during each of the past 4 calendar years?ii. has the EU been tested yet within the current calendar year?				⊠ Yes	□No
ii. has the EU been tested yet wi	thin the current calenda	r year?		Yes	⊠No
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit? 🖂 Yes 🗀No					
a. Was the VE test conducted at a pro				⊠ Yes	□No
Rate: 120tph	coss race 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				_	_
d. Did the VE test demonstrate compl				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: <u>120tph</u>	- FDAM (1 100				
b. Was the VE test conducted accordi				⊠ Yes	□No
c. The VE test resulted in an opacity of					□ N.
d. Did the VE test demonstrate compl	iance with the opacity i	imit? (See chart below)		⊠ Yes	□No
-					
		ity Limits			
	EU not subject to	Subpart OOO EU	_	: OOO EU	
	40 CFR 60	constructed, modified,		cted, modifi	,
	Subpart OOO	or reconstructed prior	or recon	structed or	ı or
		to 4/22/2008	after 4/2	22/2008	
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	

Emissions Unit Section 2 –NMMP Plant-screening operation, 3-deck, 120sq.ft., 300 Tph

		(check ☑	only one
	ł	ox for each	question)
<u>Is</u>	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorities any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlos and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ng Plants? y e, Gravel; Salt; ride, Kernite,	1
2.	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?		□No □No □No
4.	Is the EU one of the following?	Yes 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
	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	
	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
0.	equal to 9 megagrams/hour (10 tons/hour)?	Yes	⊠No

2 -NMMP Plant-screening operation, 3-deck, 120sq.ft., 300 Tph

	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
	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
sub If t	to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to apart 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.		
	When was the EU last constructed, modified, or reconstructed? 6/2003		
12.	Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	∐ Yes	⊠No
If a	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 a	nswer to Question 13 is "No" skip the following questions and go directly to Question 19		
	Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No
	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

2 -NMMP Plant-screening operation, 3-deck, 120sq.ft., 300 Tph

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? 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.}	Yes	□No
19. Is wet suppression used to control emissions from the EU?	⊠ Yes	□No
 If yes: a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles? b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly? c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)? 	⊠ Yes	□No
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-screening operation, 3-deck, 120sq.ft., 300 Tph

individually in compliance with emissions limits: a. Was an initial PM stack test performed on each vent control device within 180 days of initial starting of the EU? A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a bailding 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 ge/dscf)? YesNo c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity? YesNo 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 linch 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 linch water gauge pressure.) and A life EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? YesNo No (Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.) 24. When was the last VE test conducted by the owner/operator for this EU? 11/12/2008 a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? YesNo i. has the EU been tested during each of the past 4 calendar years? YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes	22. If the EU is a building enclosing any	y other regulated EUs	and all enclosed EUs are not			
initial startup of the EU?	individually in compliance with emi	issions 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/dsch)?	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 wh	ich there is mechanical	ly 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)?						
b. Was the EÜ found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?		, , , , , , , , , , , , , , , , , , , ,	, , ,			
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
Sta 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?	c. Were initial ragicive emissions from	an non-vent canama op	chings ress than or equal to 770	opacity.		2 (0
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?			□ 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? Yes No {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU? 11/12/2008 a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? Yes No b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? Yes No ii. has the EU been tested by the owner/operator for this unit during this site visit? Yes No a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes No Rate: 120tph b. Was the VE test conducted according to EPA Method 9? Yes No c. The VE test conducted by the inspector for this unit during this site visit? Yes No Rate: 120tph b. Was the VE test conducted by the inspector for this unit during this site visit? Yes No Rate: 120tph b. Was the VE test conducted at a process rate that is representative of the normal rate? Yes No c. The VE test resulted in an opacity of 0.0% for the highest six-minute average. d. Did the VE test conducted by the inspector for this unit during this site visit? Yes No Rate: 120tph b. Was the VE test conducted according to EPA Method 9? Yes No Rate: 120tph b. Was the VE test conducted according to EPA Method 9? Yes No Rate: 120tph c. The VE test resulted in an opacity					1 cs	210
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?						
Note: The monitoring device must be certified by the manufacturer to be accurate within +250 pascals +1 inch water gauge pressure.} and					□ Vas	□ 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? -					☐ i 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?	· · · · · · · · · · · · · · · · · · ·	•	manufacturer to be accurate with	11n +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?		ssure.}				
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.} 24. When was the last VE test conducted by the owner/operator for this EU? 11/12/2008 a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?						
24. When was the last VE test conducted by the owner/operator for this EU? 11/12/2008 a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?					∐ Yes	∐No
24. When was the last VE test conducted by the owner/operator for this EU? 11/12/2008 a. If EU is not subject to 40 CFR 60 subpart OOO; i. has the EU been tested within the past 5 years?		•	manufacturer 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?					_	_
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? Yes						
25.Was a VE test conducted by the owner/operator for this unit during this site visit?	 has the EU been tested during 	geach of the past 4 cale	ndar years?		⊠ Yes	
a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: 120tph b. Was the VE test conducted according to EPA Method 9?	ii. has the EU been tested yet wi	thin the current calenda	ar year?		Yes	⊠No
a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: 120tph b. Was the VE test conducted according to EPA Method 9?						
Rate: 120tph b. Was the VE test conducted according to EPA Method 9?						
b. Was the VE test conducted according to EPA Method 9?		ocess rate that is represe	entative of the normal rate?		Yes	□No
c. The VE test resulted in an opacity of <u>0.0</u> % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)						
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ————————————————————————————————————	b. Was the VE test conducted accord	ing to EPA Method 9?			⊠ Yes	□No
26. Was a VE test conducted by the inspector for this unit during this site visit?						
a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: 120tph b. Was the VE test conducted according to EPA Method 9?	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? YesNo Rate: 120tph b. Was the VE test conducted according to EPA Method 9?						
Rate: 120tph b. Was the VE test conducted according to EPA Method 9?					Yes	□No
b. Was the VE test conducted according to EPA Method 9?	a. Was the VE test conducted at a pro	ocess rate that is represe	entative of the normal rate?		Yes	□No
c. The VE test resulted in an opacity of 0.0% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ————————————————————————————————————	Rate: <u>120tph</u>					
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ────────────────────────────────────	b. Was the VE test conducted accord	ing to EPA Method 9?			Yes	□No
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ────────────────────────────────────					_	
VE Opacity Limits EU not subject to 40 CFR 60 Subpart OOO EU constructed, modified, Subpart OOO or reconstructed prior to 4/22/2008 Subpart OOO after 4/22/2008 Subpart OOO after 4/22/2008 Crusher with no capture system 20% 15% 12%	d. Did the VE test demonstrate comp	liance with the opacity	limit? (See chart below)		⊠ Yes	□No
EU not subject to 40 CFR 60 constructed, modified, Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system EU not subject to 40 CFR 60 constructed, modified, or reconstructed on or after 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008	•	1 ,	,		_	_
EU not subject to 40 CFR 60 constructed, modified, Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system EU not subject to 40 CFR 60 constructed, modified, or reconstructed on or after 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008						
40 CFR 60 Subpart OOO constructed, modified, or reconstructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed, modified, or reconstructed on or after 4/22/2008 crusher with no capture system constructed, modified, or reconstructed on or after 4/22/2008 crusher with no capture system constructed, modified, or reconstructed prior to 4/22/2008 crusher with no capture system constructed, modified, or reconstructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system crusher with no capture sy		VE Opac	rity Limits			
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%		EU not subject to	Subpart OOO EU	Subpart	OOO EU	
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%		40 CFR 60	constructed, modified,	constru	cted, modif	ied.
to 4/22/2008 after 4/22/2008 Crusher with no capture system 20% 15% 12%			•		•	
Crusher with no capture system 20% 15% 12%		Suspari OOO	<u>-</u>			. 01
1 7	Consider with a continuous	200/		arter 4/2		
All other affected EUs 20% 10% 7%						
	All other affected EUs	20%	10%		7%	

Emissions Unit Section 3 –NMMP Plant-crusher RICE diesel pwr genset unit 470 Hp/175 kW

		(check ☑	only one
	ŀ	ox for each	question)
<u>Is</u>	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorities any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granities 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 Stone, Granities (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) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ng Plants? y e, Gravel; Salt; ride, Kernite,	1
2. 3.	Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?		No No No No
su	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 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	□ Vac	⊠ No
6.	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	Yes	⊠No
7.	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	⊠No
	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	Yes	⊠No
σ.	equal to 9 megagrams/hour (10 tons/hour)?	Yes	⊠No

$\underline{3}$ –NMMP Plant-crusher RICE diesel pwr genset unit 470 Hp/175 kW

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 materia		
	with sufficient surface moisture such that particulate matter emissions are not generated from processi		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet		
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
10	Is the EU a screening operation, bucket elevator or belt conveyor in the production line		
	downstream of wet mining operation that process saturated material up to the first crusher,		
	grinding mill or storage bin in the production line?	Yes	⊠No
	[Note: Wet mining operation means a mining or dredging operation designed and operated to extract		
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic		
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface		
	moisture such that particulate matter emissions are not generated from processing of the material		
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by		
	wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
<u>If</u>	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? 6/2003		
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
	$\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the}$		_
	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?		□No

–NMMP Plant-crusher RICE diesel pwr genset unit 470 Hp/175 kW

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)	g	
17. If the EU is an individual, enclosed storage bin controlled by a baghouse, were initial fugitive emissions less than or equal to 7% opacity? \[\] N/A	☐ Yes	☐ No
18. Is a wet scrubber used to control emissions from the EU?	Yes	□No
 a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	☐ Yes	□No
 b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 	☐ Yes	□No
19. Is wet suppression used to control emissions from the EU?	Yes	□No
 a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles? b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly? c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?	⊠ Yes	□No
questions and go directly to Question 24.		
20. Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	Yes	⊠No
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

$\underline{3}$ –NMMP Plant-crusher RICE diesel pwr genset unit 470 Hp/175 kW

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	ned on each vent contro	ol device within 180 days of			_
initial startup of the EU?			/A	☐ Yes	☐ No
$\{A \text{ "vent" is any opening through whi}$					
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	issions from the EU?			☐ Yes	⊠No
If yes, does the owner/operator mainta					2310
a. a device for the continuous measure		oss of the gas stream through the	2		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m					
pascals +1 inch water gauge pres	-	nanaractarer to be accurate with	nn +250		
and					
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 r	rate.}				
24 When med the last VE test can due to	d h., 4h.,				
24. When was the last VE test conducte				✓ Vac	□ No
a. If EU is not subject to 40 CFR 60 sb. If EU is subject to 40 CFR subpart		o been tested within the past 3	years?	⊠ Yes	∐No
i. has the EU been tested during		ndar vaare?		☐ Yes	□No
ii. has the EU been tested during				Yes	□No
ii. has the Be been tested yet wit	inn the carrent carenda	i yeur.			
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				Yes	□No
Rate: <u>120tph</u>	-				
b. Was the VE test conducted accordi	ng to EPA Method 9? -			Yes	□No
c. The VE test resulted in an opacity of					
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	actor for this unit due	ing this site visit?		⊠ Yes	□No
a. Was the VE test conducted by the <i>insp</i>				Yes	□No
Rate: 120tph	cess rate that is represe	mative of the normal rate:		<u> </u>	
b. Was the VE test conducted accordi	ng to EPA Method 9? -			⊠ Yes	□No
c. The VE test resulted in an opacity of					
d. Did the VE test demonstrate compl				⊠ Yes	□No
•		,		_	_
	VE Ongo	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	OOO EU	
	40 CFR 60	constructed, modified,	_	cted, modifi	ha
		,		istructed or	· ·
	Subpart OOO	or reconstructed prior to 4/22/2008	after 4/2		1 01
Crusher with no capture system	20%	15%	arter 4/2	12%	
All other affected EUs	20%	10%		7%	
The other uncolou Dos	2070	10/0	1	1 /0	

Emissions Unit Section 4 –NMMP Plant-portable discharge conveyor, 42" X 40' >150T/hr

		(check 🗹	only one
	ł	ox for each	question)
Te	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 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.}	ty e, Gravel; Salt; ride, Kernite,	
1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	⊠ Yes	□No
2.	Is the EU located above ground (i.e., not in an underground mine)?	🕅 Yes	□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?		□No
	Is the EU one of the following?	Xes	
	☐ 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 Yes	⊠No
7.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a	_	_
	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	☐ Yes	⊠No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or		
	equal to 9 megagrams/hour (10 tons/hour) ?	∐ Yes	⊠No

4 –NMMP Plant-portable discharge conveyor, 42" X 40' >150T/hr

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		
	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	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
		_	<u> </u>
	{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.}		
I f	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.		
LJ '	ine diswer to die of the six Questions 3-10 houre is 110 then continue to Question 11.		
11	.When was the EU last constructed, modified, or reconstructed? 6/2003		
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
	1200ds, 1mis, dumpers, every to expedite and dumpport particular to decomposition		
<i>If</i>	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.}	_	
	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?		□No
	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	Yes	□No

4 –NMMP Plant-portable discharge conveyor, 42'' X 40' >150T/hr

16. Is a baghouse used to control emissions from the EU?	<u> </u>	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 Manufacturir 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	<u> </u>	Yes	☐ No
18.Is a wet scrubber used to control emissions from the EU? If yes, does the owner/operator maintain and operate:	<u> </u>	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?	<u> </u>	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)? If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24. 	⊠ Y	Yes	□No
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?	<u> </u>	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?	Y	Yes Yes Yes Yes	☐ No ☐No ☐No ☐No

4 –NMMP Plant-portable discharge conveyor, 42" X 40' >150T/hr

2. If the EU is a building enclosing a	any other regulated EUs	s and all enclosed EUs are not			
individually in compliance with e	missions limits:				
a. Was an initial PM stack test perf	formed on each vent cont	rol device within 180 days of			
initial startup of the EU?		🛛 N	/A	☐ Yes	☐ No
{A "vent" is any opening through v	which there is mechanica	lly induced air flow for the			
purpose of exhausting from a build					
one or more affected EUs.}	5 51	•			
b. Was the EU found to be in comp	oliance with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions f				Yes	□No
c. Were mittal ragicive emissions i	iom non vent canamy of	genings less than or equal to 770	opacity.		
3.Is a wet scrubber used to control	emissions from the EUS	·		☐ Yes	⊠No
If yes, does the owner/operator mai		•			23140
a. a device for the continuous measurement		loss of the gas stream through th	Δ		
		ial basis in accordance with man			
		iai basis ili accordance with man		□ Vas	\square No
				☐ Yes	∐No
	•	manufacturer to be accurate with	nın +250		
pascals +1 inch water gauge p	oressure.}				
and		1			
b. a device for the continuous measurement					
		dance with manufacturer's instru		∐ Yes	∐No
	•	manufacturer to be accurate with	hin +5%		
of design scrubbing liquid flo	w rate.}				
4. When was the last VE test conduction				_	_
a. If EU is not subject to 40 CFR 6		EU been tested within the past 5	years?	☐ Yes	No
b. If EU is subject to 40 CFR subp					
i. has the EU been tested duri	ing each of the past 4 cale	endar years?		⊠ Yes	□No
ii. has the EU been tested yet	within the current calend	ar year?		☐ Yes	⊠No
5. Was a VE test conducted by the a				Yes	□No
a. Was the VE test conducted at a p	process rate that is repres	entative of the normal rate?		⊠ Yes	□No
Rate: <u>120tph</u>					
b. Was the VE test conducted acco	rding to EPA Method 9?			⊠ Yes	□No
c. The VE test resulted in an opaci					
d. Did the VE test demonstrate cor	npliance with the opacity	limit? (See chart below)		Yes	□No
6. Was a VE test conducted by the i	nspector for this unit du	ring this site visit?		Yes	□No
a. Was the VE test conducted at a j	process rate that is repres	entative of the normal rate?		Xes	No
Rate: <u>120tph</u>					_
b. Was the VE test conducted acco	rding to EPA Method 9?			⊠ Yes	□No
c. The VE test resulted in an opaci					
d. Did the VE test demonstrate cor	· —	C		Yes	□No
o. Dia me va test acmonstrate con	inpirative with the spacity	minor (See Chart Seis II).			
	VE Opa	city Limits			
		1 -	Subpart	t OOO EU	
	EU not subject to	Subpart OOO EU	_	t OOO EU	hei
	EU not subject to 40 CFR 60	Subpart OOO EU constructed, modified,	constru	cted, modif	
	EU not subject to	Subpart OOO EU constructed, modified, or reconstructed prior	construction or recor	cted, modif structed o	
	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	constru	cted, modif nstructed o 22/2008	
Crusher with no capture system All other affected EUs	EU not subject to 40 CFR 60	Subpart OOO EU constructed, modified, or reconstructed prior	construction or recor	cted, modif structed o	

Emissions Unit Section 5 –NMMP Plant-product(transfer)conveyor #1, 30" X 40' >150 T/hr

		(check ☑	only one
	b	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 S (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; Galt; 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		
		Yes 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 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	1 es	₩140
•	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	⊠No
		_ _	_ _

5 –NMMP Plant-product(transfer)conveyor #1, 30" X 40' >150 T/hr

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 materia		
	with sufficient surface moisture such that particulate matter emissions are not generated from processi		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet		
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
10	Is the EU a screening operation, bucket elevator or belt conveyor in the production line		
	downstream of wet mining operation that process saturated material up to the first crusher,		
	grinding mill or storage bin in the production line?	☐ Yes	⊠No
	{Note: Wet mining operation means a mining or dredging operation designed and operated to extract		
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic		
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface		
	moisture such that particulate matter emissions are not generated from processing of the material		
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by		
	wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
I f	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.		
I f	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? $\underline{6/2003}$		
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	<u></u> 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 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
i			

5 –NMMP Plant-product(transfer)conveyor #1, 30" X 40' >150 T/hr

16. Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator: conducts quarterly 30-minute VE tests using Method 22; uses a bag leak detection system specified in 40 CFR 60.674(d); follows the requirements of 40 CFR 63AAAAA Lime 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.} 	Yes	□No
19. Is wet suppression used to control emissions from the EU?	Yes	□No
 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
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

5 –NMMP Plant-product(transfer)conveyor #1, 30" X 40' >150 T/hr

2. If the EU is a building enclosing a	ny other regulated EUs	s and all enclosed EUs are not			
individually in compliance with e	missions limits:				
a. Was an initial PM stack test perf	ormed on each vent cont	rol device within 180 days of			
initial startup of the EU?		🛛 N	/A	☐ Yes	☐ No
{A "vent" is any opening through w	which there is mechanical	lly induced air flow for the			
purpose of exhausting from a buildi					
one or more affected EUs.}	5 5 61	, ,			
b. Was the EU found to be in comp	liance with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions fr				Yes	□No
c. Were initial ragiotive emissions in	om non vent eanamg of	goinings less than or equal to 770	opacity.		
3.Is a wet scrubber used to control	emissions from the EUS	·		Yes	⊠No
If yes, does the owner/operator mai		•			ZJ140
a. a device for the continuous meas		loss of the gas stream through the	2		
		ial basis in accordance with man			
		aar basis iii accordance witii iiiaii		□ v	□ N-
				☐ Yes	∐No
•	•	manufacturer to be accurate with	nın +250		
pascals +1 inch water gauge p	ressure.}				
and		1			
b. a device for the continuous meas					
		dance with manufacturer's instru		☐ Yes	∐No
•	•	manufacturer to be accurate with	nin +5%		
of design scrubbing liquid flo	w rate.}				
4. When was the last VE test conduc				_	_
a. If EU is not subject to 40 CFR 6		EU been tested within the past 5	years?	∐ Yes	□No
b. If EU is subject to 40 CFR subpa				_	
 has the EU been tested duri 	ng each of the past 4 cale	endar years?		⊠ Yes	□No
ii. has the EU been tested yet	within the current calend	ar year?		Yes Yes	⊠No
				_	
5. Was a VE test conducted by the a				Yes	∐No
a. Was the VE test conducted at a p	process rate that is repres	entative of the normal rate?		Yes	No
Rate: <u>120tph</u>					
b. Was the VE test conducted acco	rding to EPA Method 9?			⊠ Yes	□No
c. The VE test resulted in an opacit					
d. Did the VE test demonstrate con	pliance with the opacity	limit? (See chart below)		Yes	□No
6. Was a VE test conducted by the in	nspector for this unit du	ıring this site visit?		⊠ Yes	□No
a. Was the VE test conducted at a p	process rate that is repres	entative of the normal rate?		Yes	□No
Rate: <u>120tph</u>	•				
b. Was the VE test conducted acco	rding to EPA Method 9?			Yes	□No
c. The VE test resulted in an opacit				_	_
d. Did the VE test demonstrate con	· <u>—</u>	<u> </u>		Yes	□No
	1	(
	VE Opa	city Limits			
		1 -	Subpart	t OOO EU	
	EU not subject to	Subpart OOO EU	_	t OOO EU	
	EU not subject to 40 CFR 60	Subpart OOO EU constructed, modified,	constru	cted, modi	fied,
	EU not subject to	Subpart OOO EU constructed, modified, or reconstructed prior	construction or recor	cted, modi structed o	fied,
	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	constru	cted, modi nstructed o 22/2008	fied,
Crusher with no capture system All other affected EUs	EU not subject to 40 CFR 60	Subpart OOO EU constructed, modified, or reconstructed prior	construction or recor	cted, modi structed o	fied,

Emissions Unit Section 6 –NMMP Plant-product(transfer)conveyor #2, 30" X 40' >150 T/hr

Some search question			(check ☑	only one
None: "Nonmetallic minerals: (1) Crushed and Broken Stone, including Limestone, Dolomire, Granite, Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt; (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sadium Chloride, and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Tale and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15) Perlite; (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?		t	ox for each	question)
and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15) Perlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.] 1. Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?	<u>Is</u>	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granity 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 Chlorida.	g Plants? y e, Gravel; Salt; ride,	
or hot mix asphalt plant that has an aboveground crusher or grinding mill?		and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermical		
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?	2. 3.	or hot mix asphalt plant that has an aboveground crusher or grinding mill?		□No □No
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	bpart OOO so skip the following questions and go directly to Question 24.		
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)?	5.	subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process	☐ Yes	⊠No
capacity less than or equal to 136 megagrams/hour (150 tons/hour)?		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 136 megagrams/hour (150 tons/hour)?	Yes	⊠No
	δ.		☐ Yes	⊠No

$\underline{6}$ –NMMP Plant-product(transfer)conveyor #2, 30" X 40' >150 T/hr

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? ————————————————————————————————————	ig	⊠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? 6/2003	_	_
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☐ 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

$\underline{6}$ –NMMP Plant-product(transfer)conveyor #2, 30" X 40' >150 T/hr

16. Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator: conducts quarterly 30-minute VE tests using Method 22; uses a bag leak detection system specified in 40 CFR 60.674(d); follows the requirements of 40 CFR 63AAAAA Lime 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.} 	Yes	□No
19. Is wet suppression used to control emissions from the EU?	Yes	□No
 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
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

$\underline{6}$ –NMMP Plant-product(transfer)conveyor #2, 30" X 40' >150 T/hr

22. If the EU is a building enclosing an	y other regulated EU	s and all enclosed EUs are not				
individually in compliance with em	nissions limits:					
a. Was an initial PM stack test perfo	rmed on each vent cont	trol device within 180 days of				
initial startup of the EU?		🛛 N	/A	☐ Yes	☐ No	
{A "vent" is any opening through wh	hich there is mechanica	lly induced air flow for the				
purpose of exhausting from a buildin						
one or more affected EUs.}	0 , 01	` <i>,</i>				
b. Was the EU found to be in compl	iance with the PM limit	t of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No	
c. Were initial fugitive emissions from				Yes	□No	
c. Were minuring raginite emissions no	on non vent building of	penings less than or equal to 770	opacity.			
23.Is a wet scrubber used to control e	missions from the EU	?		Yes	⊠No	
If yes, does the owner/operator main		•			ZJ10	
a. a device for the continuous measu		loss of the gas stream through the	a			
		al basis in accordance with man				
				□ v	□ Na	
				☐ Yes	∐No	
· · · · · · · · · · · · · · · · · · ·		manufacturer to be accurate with	ıın +250			
pascals +1 inch water gauge pro	essure. }					
and		1. 1.0				
b. a device for the continuous measu						
		dance with manufacturer's instru		☐ Yes	∐No	
· · · · · · · · · · · · · · · · · · ·		manufacturer to be accurate with	nin +5%			
of design scrubbing liquid flow	rate.}					
24. When was the last VE test conduct				_		
a. If EU is not subject to 40 CFR 60		EU been tested within the past 5	years?	∐ Yes	No	
b. If EU is subject to 40 CFR subpar						
 has the EU been tested durin 	g each of the past 4 cal-	endar years?		⊠ Yes	□No	
ii. has the EU been tested yet w	ithin the current calend	lar year?		Yes Yes	⊠No	
25. Was a VE test conducted by the o μ				Yes	∐No	
a. Was the VE test conducted at a pr	ocess rate that is repres	sentative of the normal rate?		Yes	□No	
Rate: <u>120tph</u>						
b. Was the VE test conducted accord	ding to EPA Method 9?	'		⊠ Yes	□No	
c. The VE test resulted in an opacity						
d. Did the VE test demonstrate comp	pliance with the opacity	limit? (See chart below)		Yes	□No	
26. Was a VE test conducted by the in-	spector for this unit du	ıring this site visit?		Yes	□No	
a. Was the VE test conducted at a pr	ocess rate that is repres	sentative of the normal rate?		Yes	□No	
Rate: <u>120tph</u>	•					
b. Was the VE test conducted accord	ding to EPA Method 9?	'		Yes	□No	
c. The VE test resulted in an opacity				_	_	
d. Did the VE test demonstrate comp		<u>c</u>		Yes	□No	
		(
VE Opacity Limits						
	VE Opa	city Limits				
	VE Opa EU not subject to		Subpart	t OOO EU		
	EU not subject to	Subpart OOO EU	_		ied.	
	EU not subject to 40 CFR 60	Subpart OOO EU constructed, modified,	constru	cted, modif		
	EU not subject to	Subpart OOO EU constructed, modified, or reconstructed prior	construction or record	cted, modif istructed oi		
Contractif	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	constru	cted, modif nstructed or 22/2008		
Crusher with no capture system All other affected EUs	EU not subject to 40 CFR 60	Subpart OOO EU constructed, modified, or reconstructed prior	construction or recor	cted, modif istructed oi		

Emissions Unit Section 7 –NMMP Plant-radial stacking conveyor #1, 30" X 80' >150 T/hr

		(check 🗹	only one
	ł	ox for each	question)
Τς	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin		,
15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorit is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	y e, Gravel; Salt; ride, Kernite,	
1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	⊠ Yes	□No
2.	Is the EU located above ground (i.e., not in an underground mine)?	Yes	□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?		□No
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.}		
	air carrying particulate matter (FM) emissions from one or more affected EOs.}		
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	_	
_		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		⊠ M
0	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	☐ Yes	⊠No
o.	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
	equal to 9 megagrams/nour (10 tons/nour):	1 es	₩1 N O

7 –NMMP Plant-radial stacking conveyor #1, 30" X 80' >150 T/hr

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? 6/2003		
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

7 –NMMP Plant-radial stacking conveyor #1, 30" X 80' >150 T/hr

16. Is a baghouse used to control emissions from the EU?	<u> </u>	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 Manufacturir 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	<u> </u>	Yes	☐ No
18.Is a wet scrubber used to control emissions from the EU? If yes, does the owner/operator maintain and operate:	<u> </u>	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?	<u> </u>	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)? If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24. 	⊠ Y	Yes	□No
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?	<u> </u>	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?	Y	Yes Yes Yes Yes	☐ No ☐No ☐No ☐No

7 –NMMP Plant-radial stacking conveyor #1, 30" X 80' >150 T/hr

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi	ssions limits:				
 a. Was an initial PM stack test performance 	med on each vent contro	ol device within 180 days of			
initial startup of the EU?			/A	☐ Yes	☐ No
$\{A \text{ "vent" is any opening through whith}$	ch there is mechanicall	ly induced air flow for the			
purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}					
b. Was the EU found to be in complia	ance with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)?		Yes	□No
c. Were initial fugitive emissions from				Yes	□No
č	C 1		1 ,	_	_
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	ement of the pressure lo	oss of the gas stream through the			
scrubber and the device has been					
instructions?				Yes	□No
{Note: The monitoring device m				_	_
pascals +1 inch water gauge pres	•				
and					
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	ber and the	2	
device has been calibrated on an					□No
{Note: The monitoring device m					
of design scrubbing liquid flow		THE THE THE TENT OF THE THE TENT OF THE TE			
24. When was the last VE test conducte	d by the owner/operat	tor for this EU? 11/12/2008			
a. If EU is not subject to 40 CFR 60 s			vears?	⊠ Yes	□No
b. If EU is subject to 40 CFR subpart			,	_	
i. has the EU been tested during		ndar vears?		⊠ Yes	□No
ii. has the EU been tested yet wi				Yes	⊠No
, ,		, , , , , , , , , , , , , , , , , , ,			
25. Was a VE test conducted by the own	ner/operator for this un	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: 120tph	1				
b. Was the VE test conducted accordi	ng to EPA Method 9? -			Yes	□No
c. The VE test resulted in an opacity of					<u> </u>
d. Did the VE test demonstrate compl				⊠ Yes	□No
•		,			_
26. Was a VE test conducted by the inst	pector for this unit dur	ring this site visit?		Yes	□No
a. Was the VE test conducted at a pro				Yes	☐No
Rate: 120tph	1			_	_
b. Was the VE test conducted accordi	ng to EPA Method 9? -			Yes	□No
c. The VE test resulted in an opacity of					
d. Did the VE test demonstrate compl				Yes	□No
_					
		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%	
7 III Office directed LOS	20 /0	10/0		7 70	

Emissions Unit Section 8 –NMMP Plant-radial stacking conveyor #2, 30" X 80' >150 T/hr

		(check 🗹	only one
	ł	ox for each	question)
Ις	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin		• /
15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorit is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium 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?		□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.}		
	air carrying particulate matter (1 m) emissions from one or more affected Eos.7		
	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		_
		☐ 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		
0	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	Yes Yes	⊠No
ð.	Is the EU located at a common clay plant or pumice plant with capacity less than or	□ V	M N-
	equal to 9 megagrams/hour (10 tons/hour)?	∐ Yes	⊠No

8 –NMMP Plant-radial stacking conveyor #2, 30" X 80' >150 T/hr

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
	which separates marketable fines from the product by a washing process which is designed and operate at all times such that the product is saturated with water. "Saturated material" means mineral material with sufficient surface moisture such that particulate matter emissions are not generated from procession of the material through screening operations, bucket elevators and belt conveyors. Material that is wett solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}	l ng	
10.	Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	⊠No
	{Note: Wet mining operation means a mining or dredging operation designed and operated to extract any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic mineral is saturated with water. "Saturated material" means mineral material with sufficient surface moisture such that particulate matter emissions are not generated from processing of the material through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
sul	nnswer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to opart 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? 6/2003		
12.	Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	☐ Yes	⊠No
If a	nnswer 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 a	nnswer 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?	Yes Yes Yes Yes Yes	☐ No ☐No ☐No ☐No
15.	If the EU is a building enclosing any other regulated EUs and all enclosed EUs are 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? \[N/A \] \{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	Yes	□ No
	one or more affected EUs.} b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 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

8 –NMMP Plant-radial stacking conveyor #2, 30" X 80' >150 T/hr

16.Is a baghouse used to control emissions from the EU?		Yes	□No
If yes, the owner operator: conducts quarterly 30-minute VE tests using Method 22; uses a bag leak detection system specified in 40 CFR 60.674(d); follows the requirements of 40 CFR 63AAAAA Lime Manufacturin as specified in 40 CFR 60.674(e); or none of the above (i.e., out of compliance)	ıg		
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? \[\Backsim N/A \]		Yes	☐ No
18.Is a wet scrubber used to control emissions from the EU?		Yes	□No
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	. 🔲	Yes	□No
 b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 		Yes	□No
19. Is wet suppression used to control emissions from the EU?		Yes	□No
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
20.Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?		Yes	⊠No
a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?		Yes Yes Yes Yes	☐ No ☐No ☐No ☐No

8 –NMMP Plant-radial stacking conveyor #2, 30" X 80' >150 T/hr

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi	ssions limits:				
a. Was an initial PM stack test perform	ned on each vent contro	ol device within 180 days of			
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%	opacity?	☐ Yes	∐No
23.Is a wet scrubber used to control em	issions from the EU?			☐ Yes	⊠No
If yes, does the owner/operator mainta					<u></u>
a. a device for the continuous measure	•	oss of the gas stream through the	a		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m					
pascals +1 inch water gauge pres	•	nanaractarer to be accurate with	1111 1250		
and					
b. a device for the continuous measure	ement of the scrubbing	liquid flow rate to the wet scrul	ber and the	e	
device has been calibrated on an				Yes Yes	□No
{Note: The monitoring device m	ust be certified by the r	nanufacturer to be accurate witl	nin +5%		
of design scrubbing liquid flow r	ate.}				
24 When med the last VE test can due to	d h 4h a aa-/aa4				
24. When was the last VE test conducted				□ Vas	□No
a. If EU is not subject to 40 CFR 60 sb. If EU is subject to 40 CFR subpart		o been tested within the past 3	years?	∐ Yes	∐No
i. has the EU been tested during		ndar vaare?		⊠ Yes	□No
ii. has the EU been tested get wit				Yes	□No
ii. has the Be been tested yet wit	inn the carrent carenda	i yeur.			∠3110
25. Was a VE test conducted by the own	ner/operator for this un	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: <u>120tph</u>	_				
b. Was the VE test conducted accordi	ng to EPA Method 9? -			Yes	□No
c. The VE test resulted in an opacity of					
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	<i>ector</i> for this unit dur	ing this site visit?		⊠ Yes	□No
a. Was the VE test conducted at a pro				⊠ Yes	□No
Rate: <u>120tph</u>	cess rate that is represe.	manye of the normal rate.		Z 163	
b. Was the VE test conducted accordi	ng to EPA Method 9? -			⊠ Yes	□No
c. The VE test resulted in an opacity of					
d. Did the VE test demonstrate compl				Yes	□No
_					
	VF Onac	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	OOO EU	
	40 CFR 60	constructed, modified,	_	cted, modifi	ied.
	Subpart OOO	or reconstructed prior		structed or	
	Suspart OOO	to 4/22/2008	after 4/2		. 01
Crusher with no capture system	20%	15%	uici 7/2	12%	
All other affected EUs	20%	10%		7%	
The other directed Bos	2070	10/0	I	.,,	

Emissions Unit Section 9 -NMMP Plant-closed circuit conveyor, 30" X 50' >150 T/hr

		(check ☑	only one
	b	ox for each o	question)
<u>Is</u>	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 majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granity 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 Stone (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.}	g Plants? y e, Gravel; Salt; ride, Kernite,	question)
2. 3.	Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?		No No No No
sul	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.	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?		
7	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes Yes	⊠No
	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	Yes	⊠No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or equal to 9 megagrams/hour (10 tons/hour)?	Yes	⊠No

9 –NMMP Plant-closed circuit conveyor, 30" X 50' >150 T/hr

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 operate			_
	at all times such that the product is saturated with water. "Saturated material" means mineral material			
	with sufficient surface moisture such that particulate matter emissions are not generated from processis			
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wett			
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}	Си		
	solely by well suppression systems is not considered to be summitted 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?	П	Yes	⊠No
	grinding him of storage on in the production line.		105	2
	{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 maintains such that particulate matters on insigning an anti-constant.			
	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.}			
	The supplies of the supplies o			
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? 6/2003			
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	Initial Tests:			
	a. Was an initial PM stack test performed on the control device within 180 days of			
	initial startup of the EU?	П	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?		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

9 –NMMP Plant-closed circuit conveyor, 30" X 50' >150 T/hr

16. Is a baghouse used to control emissions from the EU?	Yes	□No
If yes, the owner operator: conducts quarterly 30-minute VE tests using Method 22; uses a bag leak detection system specified in 40 CFR 60.674(d); follows the requirements of 40 CFR 63AAAAA Lime Manufacturing as specified in 40 CFR 60.674(e); or none of the above (i.e., out of compliance)	ng	
17. If the EU is an individual, enclosed storage bin controlled by a baghouse, were initial fugitive emissions less than or equal to 7% opacity? N/A	☐ Yes	☐ No
18.Is a wet scrubber used to control emissions from the EU? 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

9 –NMMP Plant-closed circuit conveyor, 30" X 50' >150 T/hr

22. If the EU is a building enclosing any		and all enclosed EUs are not			
individually in compliance with emi					
a. Was an initial PM stack test perform	ned on each vent contr	ol device within 180 days of			
initial startup of the EU?			/A	∐ Yes	☐ No
{A "vent" is any opening through whi					
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				∐ Yes	∐No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7%	opacity?	∐ Yes	∐No
23.Is a wet scrubber used to control em	issions from the EU?			Yes	⊠No
If yes, does the owner/operator mainta					
a. a device for the continuous measure	ement of the pressure lo	oss of the gas stream through the	e		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m	ust be certified by the 1	nanufacturer to be accurate with	nin +250		
pascals +1 inch water gauge pres	sure.}				
and					
b. a device for the continuous measure					
device has been calibrated on an				Yes Yes	□No
{Note: The monitoring device m		nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow r	ate.}				
24. When was the last VE test conducted	d by the owner/oners	tor for this FII? 11/12/2008			
a. If EU is not subject to 40 CFR 60 s			vears?	☐ Yes	□No
b. If EU is subject to 40 CFR subpart		o been tested within the past 5	years:	1 cs	
i. has the EU been tested during		ndar vears?		X Yes	□No
ii. has the EU been tested yet wit				Yes	⊠No
		2 , 2			
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 process rate that is representative of the normal rate?				Yes	□No
Rate: <u>120tph</u>					
b. Was the VE test conducted accordi				⊠ Yes	□No
c. The VE test resulted in an opacity of <u>0.0</u> % for the highest six-minute average.					
d. Did the VE test demonstrate compl	iance with the opacity	limit? (See chart below)		Yes	□No
26. Was a VE test conducted by the insp	actor for this unit du	ing this site visit?		⊠ Yes	□No
a. Was the VE test conducted by the <i>insp</i>				Yes	□No
Rate: 120tph	cess rate that is represe	intative of the normal rate:			
b. Was the VE test conducted accordi	ng to FPA Method 92 -			⊠ Yes	□No
c. The VE test conducted according to					140
d. Did the VE test demonstrate compl				X Yes	□No
d. Did the VE test demonstrate compr	iance with the opacity	mint. (See chart selow).		Z 105	
	VE On a	i4 T ii4			
VE Opacity Limits EU not subject to Subpart OOO EU Subpart OOO EU					
	EU not subject to 40 CFR 60	Subpart OOO EU constructed, modified,	_	cted, modified,	
		1			
	Subpart OOO	or reconstructed prior		nstructed o	n or
Constant and the second	2007	to 4/22/2008	after 4/2		
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	

Facility Section (continued)

REASONABLE PRECAUTIONS FOR UNCONFINED EMISSIONS	(check ☑ only one box for each question)	
1. Does the owner/operator of the NMMP Plant take reasonable precautions to control unconfined		
emissions by: a) Use of water suppression system(s) with spray bars located wherever unconfined emissions occur (at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points)? 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
of the owner/operator to prevent re-entrainment, and from building or work areas to reduce airborne particulate matter?	⊠ Yes	☐ No
e) Reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? N/A	☐ Yes	⊠ No
2. If reasonable precautions <u>not</u> being taken: a) Did the inspector perform a general VE test (20% opacity)? 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 bear proceeded to about that it does not be not extracted to switch	(check v box for each o	only one question)
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?	r	⊠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?	ral	

<u>(</u>	Is the total combined annual facility-wide fuel usage of all plants less than or equal to: a) 275,000 gallons of diesel fuel?	⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ∑ Yes ∑ Yes	No No No No No
1. 2.	Has the owner or operator allowed the circumvention of any air pollution control device, or Allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices?	Yes	only one question) SNoNoNoNo
	ELOCATABLE PLANT 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)
	For a relocated NMMP plant: a) did the owner or operator notify the appropriate Department or Local Air Program by telephone, e-mail, fax, or written communication at least one business day prior to changing location? b) did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900(6 to the Department or Local Air Program no later than five business days following relocation? If the relocatable NMMP plant was co-located at a facility with a separate air construction or air opera	5)]	□No
3.	permit, and the relocatable NMMP plant is <u>not</u> included as an emissions unit in that separate permit: a) was the relocatable NMMP plant being used for a non-routine purpose?	- Yes	

CHANGES Administrative Changes: 1. Were there any changes in the name, address, or phone not associated with a change in ownership or with a physical operations comprising the facility; or any other similar minimum.	relocation of the facility or any emissions units or inor administrative change at the facility? Yes	⊠No
2. If YES, did the facility provide written notification within New or Modified Process Equipment or Change in Ownershi	•	⊠No
a) Installation of any new process equipment?		
4. If the answer to any question 3a. – d. is YES, was a new 30 days prior to the change?	registration form and the appropriate fee submitted Yes	⊠No
Assefa Hailemariam	1/20/2011	
Inspector's Name (Please Print)	Date of Inspection	
	~1/2012	
Inspector's Signature	Approximate Date of Next Inspection	

COMMENTS: Assefa Hailemariam, met with the consultant from Grove Scientific and Engineering, on January 20, 2011, to audit the annual compliance test on the concrete crusher. This crushing unit has nine emission points and uses a diesel generator as the power source. On this date, eleven visible emission tests were conducted on the crusher and associated equipment. The observed opacity for all points was zero percent and the crushing rate was 110 to 120 TPH. During the inspection, no PM was observed leaving the property, no odors were noted and the roads and yard were very wet.