

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



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) RE-INSPECTION (FUI)	COMPLAINT/I	DISCOVERY (CI)			
AIRS ID#: 7775669 DATE: <u>05/24/2011</u>	ARRIVE: <u>930</u>	DEPART: <u>1100</u>			
FACILITY NAME: DAVIE PLANT					
FACILITY LOCATION: 4285 SW 57TH TER					
DAVIE 33314-3855					
OWNER/AUTHORIZED REPRESENTATIVE: JACK Email: CONTACT NAME: JACK O'CONNOR Email: ENTITLEMENT PERIOD: 2/26/2011 / 2/26/2016 (effective date) (end date)	O'CONNOR	PHONE: (954)581-8418 Mobile: PHONE: (954)581-8418 Mobile:			
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): Jack O'conner Brief Notes:		(check box for each	only one ch question)		
2. Is the Authorized Representative still JACK O'CONNOL If no, who is?:	R?	Yes	□No		
If different, did the facility provide an administrative upon 3. Is the facility contact still JACK O'CONNOR?			□No □No		
4. Will facility be conducting VE test(s) during today's ins If yes, was the compliance authority notified at least 15 of	<u>.</u>		⊠No □No		

Emissions Unit Section 1 -NMMP Plant-crusher,400T/hr w/250Hp electric motor power unit

		(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, 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 (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) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ng Plants? y e, Gravel; Salt; ride, Kernite,	•
	Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?	☐ Yes ☐ Yes	⊠No □No
3.	Was the EU constructed, modified, or reconstructed after August 31, 1983?		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	□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
0.	equal to 9 megagrams/hour (10 tons/hour)?	Yes	□No

1 –NMMP Plant-crusher,400T/hr w/250Hp electric motor power unit

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	ed	
	at all times such that the product is saturated with water. "Saturated material" means mineral material		
	with sufficient surface moisture such that particulate matter emissions are not generated from processing		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wett	ed	
	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 Yes	□No
	{Note: Wet mining operation means a mining or dredging operation designed and operated to extract		
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic		
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface		
	moisture such that particulate matter emissions are not generated from processing of the material		
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by		
	wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
	answer to any of the six Questions 5-10 above is "Yes" then the EU is not subject to		
II.	bpart 000 so skip the following questions and go directly to Question 24.		
If .	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11	.When was the EU last constructed, modified, or reconstructed?		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	☐ Yes	□No
If	answer to Question 12 is "No" skip the following questions and go directly to Question 20		
13	.Does the EU have a particulate matter capture system (equipment including enclosures,		
	Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	Yes	□No
If	answer to Question 13 is "No" skip the following questions and go directly to Question 19		
14	.Initial Tests:		
	a. Was an initial PM stack test performed on the control device within 180 days of		
	initial startup of the EU? \[N/A	Yes	☐ No
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	∐ Yes	□No
	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	∐ Yes	∐No
	d. If yes, was the opacity less than or equal to 7% opacity?	☐ Yes	∐No
15	. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
	individually in compliance with emissions limits:		
	a. Was an initial PM stack test performed on each vent control device within 180 days of		
	initial startup of the EU? \[\square\ 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.) h. If was was the EU found to be in compliance with the DM limit of 0.022 g/dsem (0.014 gr/dsef)?	□ Vaa	□ Na
	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?	☐ Yes☐ Yes	∐No □No
	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	Yes	□No
	2 Indiana region of community from the content of community communit		□10

1 –NMMP Plant-crusher,400T/hr w/250Hp electric motor power unit

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
 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

1 –NMMP Plant-crusher,400T/hr w/250Hp electric motor power unit

22. If the EU is a building enclosing an	y other regulated EUs	and all enclosed EUs are not		
individually in compliance with em				
a. Was an initial PM stack test perfo	rmed on each vent conti	rol device within 180 days of		
initial startup of the EU?			V/A Yes	☐ No
{A "vent" is any opening through wh				
purpose of exhausting from a buildin	g air carrying particula	te matter (PM) emissions from		
one or more affected EUs.}				_
b. Was the EU found to be in comple				∐No
c. Were initial fugitive emissions fro	om non-vent building op	penings less than or equal to 7%	opacity? L Yes	□No
23. Is a wet scrubber used to control e	missions from the EU?	·	Yes	□No
If yes, does the owner/operator main				
a. a device for the continuous measu		oss of the gas stream through th	ne	
scrubber and the device has been				
instructions?				□No
{Note: The monitoring device i				
pascals +1 inch water gauge pro	-	The state of the s		
and	- SS - S			
b. a device for the continuous measu	rement of the scrubbing	gliquid flow rate to the wet scru	bber and the	
device has been calibrated on a				□No
{Note: The monitoring device i				
of design scrubbing liquid flow		manaracturer to be accurate with		
6 1 a	,			
24. When was the last VE test conduct	ed by the owner/opera	tor for this EU?		
a. If EU is not subject to 40 CFR 60			years? Yes	⊠No
b. If EU is subject to 40 CFR subpar		r	,	
i. has the EU been tested durin		endar vears?	Yes	□No
ii. has the EU been tested yet w	ithin the current calenda	ar vear?		□No
,		,	_	
25. Was a VE test conducted by the on	ner/operator for this u	nit during this site visit?	Yes	⊠No
a. Was the VE test conducted at a pr				No
Rate:	1		_	_
b. Was the VE test conducted accord	ding to EPA Method 9?		Yes	□No
c. The VE test resulted in an opacity	of % for the high	nest six-minute average.	_	_
d. Did the VE test demonstrate comp			Yes	□No
	1 7	,	_	_
26. Was a VE test conducted by the <i>in</i> :	spector for this unit du	ring this site visit?	Yes	⊠No
a. Was the VE test conducted at a pr				□No
Rate:	1		_	_
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	oliance with the opacity	limit? (See chart below)	Yes	□No
•	•			
	LIE O	•, •		
		city Limits	T	
	EU not subject to	Subpart OOO EU	Subpart OOO EU	
	40 CFR 60	constructed, modified,	constructed, modi	fied,
	Subpart OOO	or reconstructed prior	or reconstructed o	n or
		to 4/22/2008	after 4/22/2008	
Crusher with no capture system	20%	15%	12%	
All other affected EUs	20%	10%	7%	
LAU other attected HIIs	/11%	111%		l l

Emissions Unit Section 2 –NMMP Plant-screening operation, 5'x16', 2 decks

		(check ☑	only one
	ŀ	ox for each	question)
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin		•
15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorit is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlorand Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	y e, Gravel; Salt; ride, Kernite,	
1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	Yes	⊠No
	Is the EU located above ground (i.e., not in an underground mine)?		□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?		No
4.	Is the EU one of the following? ☐ crusher, ☐ grinding mill, ☐ bucket elevator, ☐ belt conveyor, ☐ bagging operation,	⊠ Yes	□No
	storage bin, enclosed truck loading station enclosed railcar loading station;		
	crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic		
	minerals embedded in recycled asphalt pavement or subsequent emissions unit up to,		
	but not including, the first storage silo or bin;		
	screening operation (a device for separating material according to size by passing		
	undersize material through one or more mesh surfaces (screens) in series, and retaining		
	oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping		
	and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.)		
	building enclosing any of the above EUs if all enclosed EUs are not individually in		
	compliance with emissions limits. {A "vent" is any opening through		
	which there is mechanically induced air flow for the purpose of exhausting from a building		
	air carrying particulate matter (PM) emissions from one or more affected EUs.}		
su	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
5.	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or		
	subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process	_	
_	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	☐ Yes	□No
6.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	☐ Yes	□No
7	Is the EU located at a portable sand and gravel plant or crushed stone plant with a	☐ 1 es	□140
''	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	Yes	□No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or		
	equal to 9 megagrams/hour (10 tons/hour)?	Yes	□No

2 -NMMP Plant-screening operation, 5'x16', 2 decks

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,			□ No
	grinding mill or storage bin in the production line?	Ц 1	Yes	No
	which separates marketable fines from the product by a washing process which is designed and operation	ed		
	at all times such that the product is saturated with water. "Saturated material" means mineral materia			
	with sufficient surface moisture such that particulate matter emissions are not generated from processi			
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet			
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}			
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?	□ 7	Yes	No
	{Note: Wet mining operation means a mining or dredging operation designed and operated to extract			
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic			
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface			
	moisture such that particulate matter emissions are not generated from processing of the material			
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by			
	wet suppression systems is not considered to be "saturated" for purposes of this definition.}			
If	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to			
	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	W/h on mag 4h o EU logs congruented and iffed on magnetimested?			
11	.When was the EU last constructed, modified, or reconstructed?			
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	□ 7	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?	□ 7	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	Z	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?	□ 7	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			
ll .	one or more affected EUs.}			
1	,			
	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?	7	Yes	No
		7		

2 -NMMP Plant-screening operation, 5'x16', 2 decks

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

2 -NMMP Plant-screening operation, 5'x16', 2 decks

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					_
initial startup of the EU?			/A	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% 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			'		
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	•	THE STATE OF THE S			
and					
b. a device for the continuous measure	ement of the scrubbing	liquid flow rate to the wet scrub	ber and the		
device has been calibrated on an				Yes 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 lost VE took conducte	d h., 4h.,	ton fon this EU9			
24. When was the last VE test conducte a. If EU is not subject to 40 CFR 60 s				☐ Yes	⊠No
b. If EU is subject to 40 CFR subpart		o been tested within the past 3	years:		<u> </u>
i. has the EU been tested during		ndar vears?		☐ Yes	□No
ii. has the EU been tested during				Yes	□No
ii. has the Be been tested yet wit	inn the carrent carenda	i year.			
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				☐ Yes	□No
Rate:	_				
b. Was the VE test conducted accordi	ng to EPA Method 9? -			Yes	□No
c. The VE test resulted in an opacity of	of% for the higher	est six-minute average.			_
d. Did the VE test demonstrate compl	iance with the opacity l	limit? (See chart below)		☐ Yes	□No
26. Was a VE test conducted by the insp	nector for this unit dur	ing this site visit?		Yes	⊠No
a. Was the VE test conducted at a pro				Yes	□No
Rate:	cess rate that is represe.	mative of the normal rate.	'		
b. Was the VE test conducted accordi	ng to EPA Method 9? -			Yes	□No
c. The VE test resulted in an opacity of			'	Ш	
d. Did the VE test demonstrate compl				☐ Yes	□No
	VE Opac	itv I imits			
	EU not subject to	Subpart OOO EU	Subpart	OOO EU	
	40 CFR 60	constructed, modified,	_	ted, modific	ed.
	Subpart OOO	or reconstructed prior		structed on	
	Suspart OOO	to 4/22/2008	after 4/22		VI
Crusher with no capture system	20%	15%	arter Tible	12%	
All other affected EUs	20%	10%		7%	
		1 2010	l	.,,	

Emissions Unit Section 3 –NMMP Plant-#50-001 stacker conveyor, 30''w x 50'l

		(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 majoric is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (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?	Yes	□No
	\square crusher, \square grinding mill, \square bucket elevator, \boxtimes belt conveyor, \square 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.;		
If a	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		
٥.	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	☐ 1C3	
0.	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	□No
7.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a		
•	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	Yes	□No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or	~	
	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No

3 –NMMP Plant-#50-001 stacker conveyor, 30''w x 50'l

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.}	,cu	
	solely by well suppression systems is not considered to be saturated for purposes of this definition.		
10	Is the EU a screening operation, bucket elevator or belt conveyor in the production line		
-	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
	grinding finit of storage on in the production fine.	103	
	{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.}		
	wei suppression systems is not considered to be saturated for purposes of this definition.		
Ιf	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.		
IJ	the answer to all of the six Questions 3-10 above is No then continue to Question 11.		
11	. When was the EU last constructed, modified, or reconstructed?		
	. When was the 120 last constructed, mounted, or reconstructed.		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	☐ Yes	□No
12	. Was the De constructed, mounted, or reconstructed on or area 4/22/2000.	103	
If	answer to Question 12 is "No" skip the following questions and go directly to Question 20		
-,	answer to guestion 12 is 140 stup the join ming questions and go an early to guestion 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
	d. If yes, was the opacity less than of equal to 7% opacity:	1 cs	
15	. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
1.	individually in compliance with emissions limits:		
	a. Was an initial PM stack test performed on each vent control device within 180 days of		
	and the contract of the contra	☐ Yes	□ No
	initial startup of the EU? $\$ $\$ $\$ $\$ $\$ $\$ $\$ $\$ $\$ $\$		∐ No
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
	one or more affected EUs.}		□ > 7
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	∐ Yes	∐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 Yes	∐No

$\underline{3}$ –NMMP Plant-#50-001 stacker conveyor, 30''w x 50'l

16. Is a baghouse used to control emissions from the EU?	<u> </u>	Zes .	□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	<u> </u>	l'es	☐ No
18. Is a wet scrubber used to control emissions from the EU?	☐ <i>Y</i>	l'es	□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>	l'es	□No
 b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 		l'es	□No
19.Is wet suppression used to control emissions from the EU?	<u> </u>	<i>l</i> 'es	□No
 If yes: a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles? b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly? c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?	□ Y	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?	☐ Y	l'es	□No
21. Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Y	les les les les	☐ No ☐No ☐No ☐No

3 –NMMP Plant-#50-001 stacker conveyor, 30''w x 50'l

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					_
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 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	nissions from the EU?		[Yes	□No
If yes, does the owner/operator mainta			'	103	
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	•				
and	,				
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	ber and the		
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 r	rate.}				
	11 /1 /	6 41 5110			
24. When was the last VE test conducte			0 1		
a. If EU is not subject to 40 CFR 60 s		U been tested within the past 5	years? [Yes	⊠No
b. If EU is subject to 40 CFR subpart i. has the EU been tested during		ador voore?	1	Yes	□No
ii. has the EU been tested during				Yes	□No
ii. has the EO been tested yet wil	inni ine current calenda	i yeai :		1 es	NO
25. Was a VE test conducted by the own	ner/onerator for this un	nit during this site visit?	[Yes	⊠No
a. Was the VE test conducted at a pro				Yes	☐No
Rate:	· · · · · · · · · · · · · · · · · · ·		•		
b. Was the VE test conducted accordi	ng to EPA Method 9? -		[Yes	□No
c. The VE test resulted in an opacity of	of% for the higher	est six-minute average.			
d. Did the VE test demonstrate compl	iance with the opacity l	imit? (See chart below)	[Yes	□No
			ı	□ x z	
26. Was a VE test conducted by the <i>insp</i>				Yes	⊠No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		Yes	∐No
Rate:b. Was the VE test conducted accordi	ng to EDA Mothod 02		1	Yes	□No
c. The VE test conducted according to			·	168	
d. Did the VE test demonstrate compl			[Yes	□No
or and the value of the monoration of the pro-	iance with the spacing i	(200 0111111 0010 11).	'		

	VE Opac		G 1 4	000 FH	
	EU not subject to	Subpart OOO EU	Subpart		
	40 CFR 60	constructed, modified,		ted, modifie	
	Subpart OOO	or reconstructed prior		tructed on	or
		to 4/22/2008	after 4/22		
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	

Emissions Unit Section 4 –NMMP Plant-#50-002 stacker conveyor, 30''w x 50'l

		(check 🗹	only one
	ł	ox for each	question)
Te i	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 majoric is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (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
	\square crusher, \square grinding mill, \square bucket elevator, \boxtimes belt conveyor, \square 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.}		
	an earlying particulate matter (1 in) emissions from one or more affected Bos.)		
If a	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		
٥.	subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process		
	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	☐ Yes	□No
6.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a		
•	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	□No
7.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a		
	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	☐ Yes	□No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or		_
	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No

4 –NMMP Plant-#50-002 stacker conveyor, 30"w x 50'l

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?	ed l ng	Yes [□No
10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	<u> </u>	Yes [□No
If answer to any of the six Questions 5 - 10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11. 11. When was the EU last constructed, modified, or reconstructed?			
12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	<u> </u>	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?	<u> </u>	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?	Y	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?	<u> </u>	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?	<u> </u>	Yes [Yes [Yes [□No □No □No

4 –NMMP Plant-#50-002 stacker conveyor, 30"w x 50'l

16. Is a baghouse used to control emissions from the EU?	Yes	□No
If yes, the owner operator: conducts quarterly 30-minute VE tests using Method 22; uses a bag leak detection system specified in 40 CFR 60.674(d); follows the requirements of 40 CFR 63AAAAA Lime Manufacturi as specified in 40 CFR 60.674(e); or none of the above (i.e., out of compliance)	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

4 –NMMP Plant-#50-002 stacker conveyor, 30"w x 50'l

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?	22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
initial startup of the EU? ———————————————————————————————————						
A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.						
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 gg/dscf)? Yes				/A	☐ Yes	☐ No
one or more affected EUs.) b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? Yes	$\{A \text{ "vent" is any opening through whith}$	ch there is mechanicall	ly induced air flow for the			
b. Was the EÜ found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? Yes	purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
b. Was the EÜ found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? Yes	one or more affected EUs.}					
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?-		ance with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)?		Yes	□No
23. Is a wet scrubber used to control emissions from the EU?					Yes	□No
If yes, does the owner/operator maintain and operate: a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	č	C 1		1 ,	_	_
If yes, does the owner/operator maintain and operate: a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	23. Is a wet scrubber used to control en	nissions from the EU?			Yes	□No
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?						
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	a. a device for the continuous measur	ement of the pressure lo	oss of the gas stream through the	9		
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 {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? 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 by the owner/operator for this unit during this site visit? Yes No Rate: b. Was the VE test conducted according to EPA Method 9? Yes No c. The VE test resulted in an opacity of					☐ Yes	□No
pascals +1 inch water gauge pressure.} and b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? Yes {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? 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 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 by the owner/operator for this unit during this site visit? Yes No Rate: b. Was the VE test conducted according to EPA Method 9? Yes No c. The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test conducted by the inspector for this unit during this site visit? Yes No Rate:					_	_
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?		•				
device has been calibrated on an annual basis in accordance with manufacturer's instructions? —		,				
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?		ement of the scrubbing	liquid flow rate to the wet scrub	ber and the	e	
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?						□No
24. When was the last VE test conducted by the owner/operator for this EU? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?						
24. When was the last VE test conducted by the owner/operator for this EU? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? Yes No b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? Yes No ii. has the EU been tested yet within the current calendar year? Yes No 25. Was a VE test conducted by the owner/operator for this unit during this site visit? Yes No a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes No Rate: b. Was the VE test conducted according to EPA Method 9? Yes No c. The VE test resulted in an opacity of						
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? — Yes No b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? — Yes No ii. has the EU been tested yet within the current calendar year? — Yes No 25. Was a VE test conducted by the owner/operator for this unit during this site visit? — Yes No a. Was the VE test conducted at a process rate that is representative of the normal rate? — Yes No c. The VE test conducted according to EPA Method 9? — Yes No c. The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). — Yes No a. Was the VE test conducted by the inspector for this unit during this site visit? — Yes No Rate: b. Was the VE test conducted at a process rate that is representative of the normal rate? — Yes No Rate: b. Was the VE test conducted according to EPA Method 9? Tested No c. The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). — Yes No No No No No The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). — Yes No		,				
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? — Yes No b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? — Yes No ii. has the EU been tested yet within the current calendar year? — Yes No 25. Was a VE test conducted by the owner/operator for this unit during this site visit? — Yes No a. Was the VE test conducted at a process rate that is representative of the normal rate? — Yes No c. The VE test conducted according to EPA Method 9? — Yes No c. The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). — Yes No a. Was the VE test conducted by the inspector for this unit during this site visit? — Yes No Rate: b. Was the VE test conducted at a process rate that is representative of the normal rate? — Yes No Rate: b. Was the VE test conducted according to EPA Method 9? Tested No c. The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). — Yes No No No No No The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). — Yes No	24. When was the last VE test conducte	d by the owner/operat	tor for this EU?			
b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years?	a. If EU is not subject to 40 CFR 60 s	subpart OOO, has the E	U been tested within the past 5 v	years?	Yes	⊠No
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?			ndar years?		Yes	□No
a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes					☐ Yes	□No
a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes						
Bate:					Yes	⊠No
b. Was the VE test conducted according to EPA Method 9?		cess rate that is represe	ntative of the normal rate?		Yes Yes	□No
c. The VE test resulted in an opacity of% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo 26. Was a VE test conducted by the inspector for this unit during this site visit? YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo					_	
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ————————————————————————————————————	b. Was the VE test conducted accordi	ng to EPA Method 9? -			∐ Yes	∐No
26. Was a VE test conducted by the inspector for this unit during this site visit?	c. The VE test resulted in an opacity of	of% for the high	est six-minute average.			
a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo	d. Did the VE test demonstrate compl	liance with the opacity l	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: b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo						
Rate: b. Was the VE test conducted according to EPA Method 9?						=
b. Was the VE test conducted according to EPA Method 9?	•	cess rate that is represe	ntative of the normal rate?		∐ Yes	∐No
c. The VE test resulted in an opacity of% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) Yes No VE Opacity Limits	Rate:					
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo **VE Opacity Limits**					∐ Yes	∐No
VE Opacity Limits						
	d. Did the VE test demonstrate compl	nance with the opacity	limit? (See chart below)		∐ Yes	∐No
		VE Onac	itv Limits			
E Dubliction Dub				Subnart	OOO FII	
40 CFR 60 constructed, modified, constructed, modified,			, -	_		ho
			7			,
Subpart OOO or reconstructed prior or reconstructed on or		Suppart OOO	_			ОГ
to 4/22/2008 after 4/22/2008		2001		after 4/2		
Crusher with no capture system 20% 15% 12%						
All other affected EUs 20% 10% 7%	All other affected EUs	20%	10%		7%	

Emissions Unit Section 5 –NMMP Plant-#50-003 stacker conveyor, 30''w x 50'l

		(check 🗹	only one
	ł	ox for each	question)
Is i	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 majoring is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granite Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ty e, Gravel; Salt; ride, Kernite,	
1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	☐ Yes	⊠No
	Is the EU located above ground (i.e., not in an underground mine)?		□No
3.	Was the EU constructed, modified, or reconstructed after August 31, 1983?	Yes	□No
4.	Is the EU one of the following?	⊠ Yes	□No
	crusher, grinding mill, bucket elevator, belt conveyor, bagging operation,		
	storage bin, enclosed truck loading station enclosed railcar loading station; crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic		
	minerals embedded in recycled asphalt pavement or subsequent emissions unit up to,		
	but not including, the first storage silo or bin;		
	screening operation (a device for separating material according to size by passing		
	undersize material through one or more mesh surfaces (screens) in series, and retaining		
	oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping		
	and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing		
	plant are not considered to be screening operations.)		
	building enclosing any of the above EUs if all enclosed EUs are not individually in		
	compliance with emissions limits. {A "vent" is any opening through		
	which there is mechanically induced air flow for the purpose of exhausting from a building		
	air carrying particulate matter (PM) emissions from one or more affected EUs.}		
If :	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to		
	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.		
_	V 1 TW 11 (10 GTP) (10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
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		
0.	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	□No
7.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a		
	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	☐ Yes	□No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or		
	equal to 9 megagrams/hour (10 tons/hour) ?	Yes Yes	□No

5 –NMMP Plant-#50-003 stacker conveyor, 30"w x 50'l

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	l	
	with sufficient surface moisture such that particulate matter emissions are not generated from processi	ng	
	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
	grinding initi of storage on in the production line.		
	(Note: Wet mining operation means a mining or dredging operation designed and operated to extract		
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic		
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface		
	moisture such that particulate matter emissions are not generated from processing of the material		
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by		
	wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
1£	answer to any of the six 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.		
	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
IJ	me answer to all of the six Questions 3-10 above is No then continue to Question 11.		
11	.When was the EU last constructed, modified, or reconstructed?		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	☐ Yes	□No
<i>If</i>	answer to Question 12 is "No" skip the following questions and go directly to Question 20		
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
<i>If</i>	answer to Question 13 is "No" skip the following questions and go directly to Question 19		
14	Initial Tests:		
1.4	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
	d. If yes, was the opticity less than of equal to 7% opticity.		
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?	Yes	□No

5 –NMMP Plant-#50-003 stacker conveyor, 30"w x 50'l

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

5 –NMMP Plant-#50-003 stacker conveyor, 30"w x 50'l

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?	22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
initial startup of the EU?						
A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUS.] b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?						
purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.} b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? Yes				/A	Yes	☐ No
b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? Yes No c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity? Yes No lf yes, does the owner/operator maintain and operate: a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? Yes No [Note: The monitoring device must be certified by the manufacturer to be accurate within +250 pascals +1 inch water gauge pressure.] and b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and 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? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? Yes No If EU is subject to 40 CFR subpart OOO:	$\{A \text{ "vent" is any opening through whi}$	ch there is mechanicall	y induced air flow for the			
b. Was the EÜ found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? Yes No c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity? Yes No 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?	purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
b. Was the EÜ found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? Yes No c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity? Yes No If yes, does the owner/operator maintain and operate: a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	one or more affected EUs.}					
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?-		ance with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)?		Yes	□No
23. Is a wet scrubber used to control emissions from the EU?					Yes	□No
If yes, does the owner/operator maintain and operate: a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? —		C 1		1 ,	_	_
If yes, does the owner/operator maintain and operate: a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? —	23. Is a wet scrubber used to control en	nissions from the EU?			Yes	□No
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? — Yes {Note: The monitoring device must be certified by the manufacturer to be accurate within +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 {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? — Yes No b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? — Yes No ii. has the EU been tested yet within the current calendar years? — Yes No No No No 25. Was a VE test conducted by the owner/operator for this unit during this site visit? — Yes No No	If yes, does the owner/operator mainta	in and operate:				
instructions?	a. a device for the continuous measure	ement of the pressure lo	oss of the gas stream through the	e		
Note: The monitoring device must be certified by the manufacturer to be accurate within +250 pascals +1 inch water gauge pressure.} and b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? -	scrubber and the device has beer	n calibrated on an annua	al basis in accordance with manu	ufacturer's		
{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?	instructions?				Yes	□No
pascals +1 inch water gauge pressure.} and b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	Note: The monitoring device m	oust be certified by the r	nanufacturer to be accurate with	nin +250	_	_
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	•	•				
device has been calibrated on an annual basis in accordance with manufacturer's instructions? — {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU?		,				
device has been calibrated on an annual basis in accordance with manufacturer's instructions? — {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?	b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	ber and the	:	
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24. When was the last VE test conducted by the owner/operator for this EU? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? YesNo b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? YesNo ii. has the EU been tested yet within the current calendar year? YesNo 25. Was a VE test conducted by the owner/operator for this unit during this site visit? YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test conducted by the inspector for this unit during this site visit? YesNo 26. Was a VE test conducted by the inspector for this unit during this site visit? YesNo Rate: b. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: b. Was the VE test conducted according to EPA Method 9? YesNo C. The VE test resulted in an opacity of % for the highest six-minute average.					_	_
24. When was the last VE test conducted by the owner/operator for this EU? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? Yes No b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? Yes No ii. has the EU been tested yet within the current calendar year? Yes No 25. Was a VE test conducted by the owner/operator for this unit during this site visit? Yes No a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes No Rate: b. Was the VE test conducted according to EPA Method 9? Yes No c. The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). Yes No 26. Was a VE test conducted by the inspector for this unit during this site visit? Yes No Rate: b. Was the VE test conducted at a process rate that is representative of the normal rate? Yes No Rate: b. Was the VE test conducted according to EPA Method 9? Yes No c. The VE test resulted in an opacity of % for the highest six-minute average.						
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? YesNo b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? YesNo ii. has the EU been tested yet within the current calendar year? YesNo 25. Was a VE test conducted by the owner/operator for this unit during this site visit? YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo c. The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo 26. Was a VE test conducted by the inspector for this unit during this site visit? YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: YesNo c. The VE test resulted in an opacity of % for the highest six-minute average.						
b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years?	24. When was the last VE test conducte	d by the owner/operat	tor for this EU?			
i. has the EU been tested during each of the past 4 calendar years?	a. If EU is not subject to 40 CFR 60 s	subpart OOO, has the E	U been tested within the past 5	years?	☐ Yes	⊠No
ii. has the EU been tested yet within the current calendar year? ————————————————————————————————————						
25. Was a VE test conducted by the owner/operator for this unit during this site visit? — Yes A. Was the VE test conducted at a process rate that is representative of the normal rate? — Yes A. No Rate:					Yes	□No
a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes	ii. has the EU been tested yet with	thin the current calenda	r year?		Yes	☐No
a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes					_	_
Rate: b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo a. Was a VE test conducted by the inspector for this unit during this site visit? YesNo YesNo YesNo YesNo YesNo Rate: YesNo YesNo YesNo YesNo c. The VE test conducted according to EPA Method 9? YesNo YesNo YesNo YesNo Yes					=	
b. Was the VE test conducted according to EPA Method 9?		cess rate that is represe	ntative of the normal rate?		∐ Yes	∐No
c. The VE test resulted in an opacity of% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo 26. Was a VE test conducted by the <i>inspector</i> for this unit during this site visit? YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of% for the highest six-minute average.						
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ————————————————————————————————————					∐ Yes	∐No
26. Was a VE test conducted by the <i>inspector</i> 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: b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of% for the highest six-minute average.	d. Did the VE test demonstrate compl	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: b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of% for the highest six-minute average.						<u> </u>
Rate: b. Was the VE test conducted according to EPA Method 9?						=
b. Was the VE test conducted according to EPA Method 9?	•	cess rate that is represe	ntative of the normal rate?		∐ Yes	∐No
c. The VE test resulted in an opacity of% for the highest six-minute average.	Rate:	EDAM 1 100			□ **	
					∐ Yes	∐No
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) LYes LNo					□ **	
	d. Did the VE test demonstrate compl	nance with the opacity	limit? (See chart below)		∐ Yes	∐No
VE Opacity Limits		VE Opac	ity Limits			
EU not subject to Subpart OOO EU Subpart OOO EU				Subpart	OOO EII	
40 CFR 60 constructed, modified, constructed, modified,			, -	_		he
			7		,	,
Subpart OOO or reconstructed prior or reconstructed on or		Suppart OOO	_			OF
to 4/22/2008 after 4/22/2008		2001		atter 4/22		
Crusher with no capture system 20% 15% 12%						
All other affected EUs 20% 10% 7%	All other affected EUs	20%	10%		7%	

Emissions Unit Section 6 -NMMP Plant-diesel RICE auxillary power unit

		(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, Granite 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) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ng Plants? y e, Gravel; Salt; ride, Kernite,	
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
3. 4.	Was the EU constructed, modified, or reconstructed after August 31, 1983?	⊠ Yes ⊠ Yes	∐No □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	□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
ð.	Is the EU located at a common clay plant or pumice plant with capacity less than or equal to 9 megagrams/hour (10 tons/hour)?	Yes	□No

<u>6 –NMMP Plant-diesel RICE auxillary power unit</u>

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?	l ng	Yes	□No
10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?		Yes	□No
If answer to any of the six Questions 5 - 10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11. 11. When was the EU last constructed, modified, or reconstructed?			
12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?		Yes	□No
If answer to Question 12 is "No" skip the following questions and go directly to Question 20			
13.Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?		Yes	□No
If answer to Question 13 is "No" skip the following questions and go directly to Question 19			
a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?		Yes Yes Yes Yes	☐ No ☐No ☐No ☐No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not individually in compliance with emissions limits: a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU?		Yes	☐ No
one or more affected EUs.} b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on fugitive emissions from non-vent building openings? d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?		Yes Yes Yes	□No □No □No

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

<u>6 -NMMP Plant-diesel RICE auxillary power unit</u>

22. If the EU is a building enclosing an	y other regulated EUs	and all enclosed EUs are not				
individually in compliance with em						
a. Was an initial PM stack test perform	rmed on each vent contr	ol device within 180 days of				
initial startup of the EU?			'A	Yes Yes	☐ No	
{A "vent" is any opening through wh						
purpose of exhausting from a buildin	g air carrying particula	te matter (PM) emissions from				
one or more affected EUs.}						
b. Was the EU found to be in compli				∐ Yes	∐No	
c. Were initial fugitive emissions fro	m non-vent building op	enings less than or equal to 7% of	opacity?	☐ Yes	∐No	
23. Is a wet scrubber used to control en	niccione from the FII2			☐ Yes	□No	
If yes, does the owner/operator maint					140	
a. a device for the continuous measu		oss 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	
		nanufacturer to be accurate with				
pascals +1 inch water gauge pre		nanaractarer to be accurate with				
and	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
b. a device for the continuous measu	rement of the scrubbing	liquid flow rate to the wet scrub	ber and the	e		
device has been calibrated on a	n annual basis in accorda	ance with manufacturer's instruc	ctions?	☐ Yes	□No	
{Note: The monitoring device r	nust be certified by the i	nanufacturer to be accurate with	nin +5%			
of design scrubbing liquid flow	rate.}					
24 1171	. 1 b 4b					
24. When was the last VE test conduct	2	· · · · · · · · · · · · · · · · · · ·		□ V.	⊠ Na	
a. If EU is not subject to 40 CFR 60		o been tested within the past 3	years?	☐ Yes	⊠No	
b. If EU is subject to 40 CFR subpar i. has the EU been tested during		ador voore?		☐ Yes	□No	
ii. has the EU been tested during				Yes	□No	
n. has the Do been tested yet w	itimi the current carenda	r year.				
25. Was a VE test conducted by the on	ner/operator for this u	nit during this site visit?		Yes	⊠No	
a. Was the VE test conducted at a pr	ocess rate that is represe	ntative of the normal rate?		☐ Yes	□No	
Rate:	•					
b. Was the VE test conducted accord	ling to EPA Method 9? -			☐ Yes	□No	
c. The VE test resulted in an opacity						
d. Did the VE test demonstrate comp	liance with the opacity	limit? (See chart below)		Yes Yes	□No	
26. Was a VE test conducted by the ins					⊠No	
a. Was the VE test conducted at a pr	ocess rate that is represe	ntative of the normal rate?		☐ Yes	∐No	
Rate:	English EDA Mada a 4 00			□ V.	□ Na	
b. Was the VE test conducted accordc. The VE test resulted in an opacity				Yes	□No	
d. Did the VE test demonstrate comp				☐ Yes	□No	
d. Did the VE test demonstrate comp	mance with the opacity.	milit: (See chart below)		☐ 1 es	110	
		ity Limits	-			
	EU not subject to	Subpart OOO EU	_	rt OOO EU		
	40 CFR 60	constructed, modified,		cted, modifi		
	Subpart OOO	or reconstructed prior		structed or	or 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%		

Facility Section (continued)

REASONABLE PRECAUTIONS FOR UNCONFINED EMISSIONS	(check ☑ only one box for each question)	
1. Does the owner/operator of the NMMP Plant take reasonable precautions to control unconfined		
emissions by: a) Use of water suppression system(s) with spray bars located wherever unconfined emissions occur (at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points)? N/A If no, where are unconfined emissions occurring?	⊠ Yes	☐ No
b) Use of water trucks equipped with spray bars to apply water or effective dust suppressant(s) on a regular basis (to all stockpiles, roadways and work yards)? N/A c) Paving and maintaining roads and parking areas? N/A d) Removal of particulate matter from roads and other paved areas under control		□ No □ No
of the owner/operator to prevent re-entrainment, and from building or work areas to reduce airborne particulate matter? N/A e) Reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of	⊠ Yes	☐ No
particulate matter from stock piles? \square\ N/A	⊠ Yes	☐ No
2. If reasonable precautions <u>not</u> being taken: a) Did the inspector perform a general VE test (20% opacity)? b) If tested: ()% opacity. Were the visible emissions < 20% opacity? c) What caused the problem(s) (if known)?	☐ Yes ☐ Yes	□ No □No
CONFIRMATION OF GENERAL PERMIT ELIGIBILITY 1. Does this facility keep records to show that it does not have the potential to emit:	(check 🗹 box for each o	only one question)
1. Does this facility keep records to show that it does not have the potential to emit: a) 10 tons per year or more of any hazardous air pollutant? b) 25 tons per year or more of any combination of hazardous air pollutants? c) 100 tons per year or more of any other regulated air pollutant?	- 🛛 Yes	□No □No □No
2. Does this facility include: a) any emission units or activities not covered by the applicable air general permit (with the exception units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) or Rule 62-4.040, F.A.C.)? If YES, what non-exempt units or activities?	or	⊠No
b) any emissions units or activities authorized by another air general permit where such other air gene permit and this general permit specifically allow the use of one another at the same facility? If YES, what other general permit units or activities?		⊠No

3. Is the total combined annual facility-wide fuel usage of all plants less than or equal to: a) 275,000 gallons of diesel fuel?	\Box Yes Yes Yes Yes Yes Yes Yes Yes	No No No No No
GENERAL CONDITIONS 1. Has the owner or operator allowed the circumvention of any air pollution control device, or	(check 🗹 box for each	only one question)
Allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices?	- Yes	⊠No
2. Does the owner or operator:a) maintain the authorized facility in good condition?b) ensure that the facility maintains its eligibility to use the air general permit and complies with all	🛚 Yes	□No
terms and conditions of the air general permit?	- X Yes	□No
to the facility at reasonable times to inspect and test and to determine compliance with the air general permit and Department rules?		□No
RELOCATABLE PLANT 1. The facility \square is stationary. \square is releastable, or \square consists of both stationary and releastable.	(check 🗹 box for each	only one question)
1. The facility: is stationary; is relocatable; or consists of both stationary and relocatable NMMP and/or concrete batching plants. (If only stationary, skip the following questions 2 and 3.)		
 2. For a relocated NMMP plant: a) did the owner or operator notify the appropriate Department or Local Air Program by telephone, e-mail, fax, or written communication at least one business day prior to changing location? b) did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900 to the Department or Local Air Program no later than five business days following relocation? - 	(6)]	□No
3. If the relocatable NMMP plant was co-located at a facility with a separate air construction or air oper permit, and the relocatable NMMP plant is not included as an emissions unit in that separate permit: a) was the relocatable NMMP plant being used for a non-routine purpose?	Yes	⊠No
If YES, were any periods more than 6 months in any consecutive 12-month period?		□No

 CHANGES Administrative Changes: Were there any changes in the name, address, or phone associated with a change in ownership or with a physica operations comprising the facility; or any other similar result. If YES, did the facility provide written notification with 	al relocation of the facility or any emissions units or minor administrative change at the facility? Yes			
New or Modified Process Equipment or Change in Ownership: 3. Since the last registration form submittal has there been a) Installation of any new process equipment?				
C.Pitters Inspector's Name (Please Print)	05/24/2011 Date of Inspection 05/24/2012			
Inspector's Signature	Approximate Date of Next Inspection			

COMMENTS: The facility will be conducting VE testing 06/07/2011. No environmental violations observed during CY 2011 compliance inspection.