WHERE PROTECTION
Some Carte
FLORIDA

# NON-METALLIC MINERAL PROCESSING PLANTS



## COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE:	ANNUAL (INS1, INS2)	COMPLAINT/E ARMS COMPL	DISCOVERY (CI)	
AIRS ID#: 0630055 DA	ATE: <u>7/23/14</u>	ARRIVE: <u>8:38</u>	DEPART: <u>9:50</u>	
FACILITY NAME: M	IARIANNA DOLOMITE MINE		ľ	
FACILITY LOCATION	N: 5160 VERMONT RD			
	MARIANNA 32448-74	473		
OWNER/AUTHORIZE Email: fredmwebb2 CONTACT NAME: F Email: fredmwebb2 ENTITLEMENT PERI	FRED WEBB 2@bellsouth.net		PHONE: (850)769-2481 Mobile: PHONE: (850)769-2481 Mobile:	
Facility Section				
PART I: INSPECTION	N COMPLIANCE STATUS (ch	eck 🗹 only one bo:	x)	
IN COMPLIAN	NCE MINOR Non-COMP	'LIANCE SI	GNIFICANT Non-COMPLIANCE	

PA	ART II: <u>ONSITE INTRODUCTORY MEETING</u>	(check 🗹	only one
1.	Name(s) of facility representative(s): Fred Webb	box for each	question)
	Brief Notes:		
2.	Is the Authorized Representative still FRED WEBB? If no, who is?:	Xes Yes	No
3.	If different, did the facility provide an administrative update within 30 days? Is the facility contact still FRED WEBB? If no, who is?:	☐ Yes ⊠ Yes	□No □No
4.	Will facility be conducting VE test(s) during today's inspection?		⊠No □No

<b>Emissions Unit Section</b>
2-NMMP Plant-Plant #1-CRUSHER & associated equipment

		(check 🗹	only one			
		box for each	question)			
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processi	ng Plants?	•			
1. 2. 3.	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin [Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majori is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Punice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.] Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?	ty te, ! Gravel; Salt; ride, , Kernite,	□No □No ⊠No □No			
sı If	<ul> <li>If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.</li> <li>If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.</li> <li>5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or</li> </ul>					
	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			
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or equal to 9 megagrams/hour (10 tons/hour) ?	Yes	No			
1						

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
	<i>{Note: "wet screening operation" means a screening operation which removes unwanted material or</i>		105	
	which separates marketable fines from the product by a washing process which is designed and operate	d		
	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 wette	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	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.			
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	<b>Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures,			
	Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?		Yes	No
TF	answer to Question 12 is "No" chin the following questions and so directly to Question 10			
IJ	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		<b>N</b> 7	
	initial startup of the EU? $\Box$ N/A	_	Yes	
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?		Yes Yes	∐No □No
	d. If yes, was the opacity less than or equal to 7% opacity?	=	Yes	$\square$ No
			105	
15	5. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not			
	<b>individually in compliance with emissions limits:</b> 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
	<i>A "vent" is any opening through which there is mechanically induced air flow for the</i>		100	
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from			
	one or more affected EUs.}			
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?		Yes	No
	c. Was an initial VE test performed on fugitive emissions from non-vent building openings?		Yes	No
	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?		Yes	No

### 2-NMMP Plant-Plant #1-CRUSHER & associated equipment

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 Manufact as specified in 40 CFR 60.674(e); or none of the above (i.e., out of compliance)	;	
17. If the EU is an individual, enclosed storage bin controlled by a baghouse,		
were initial fugitive emissions less than or equal to 7% opacity? N/A	Yes	🗌 No
18.Is a wet scrubber used to control emissions from the EU?	Yes	No
If yes, does the owner/operator maintain and operate: a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacture instructions?	Yes	No
and b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and 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
<ul> <li>If yes:</li> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li> </ul>	🗌 Yes	No
If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24.		
<b>20.Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	🗌 Yes	No
<ul> <li>21. Initial Tests:</li> <li>a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU? N/A</li> <li>b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?</li></ul>	🗌 Yes	☐ No ☐No ☐No ☐No

### 2-NMMP Plant-Plant #1-CRUSHER & associated equipment

22. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
individually in compliance with emissions limits:		
a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU? N/A	Yes	🗌 No
$\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the }$		
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)? c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	Yes Yes	□No □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	<b>—</b>	<b>—</b>
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	e	
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
b. If EU is subject to 40 CFR subpart OOO:	<u> </u>	
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 <i>owner/operator</i> for this unit during this site visit?	Yes	⊠No
a. Was the VE test conducted at a process rate that is representative of the normal rate?	🛛 Yes	LNo
Rate: b. Was the VE test conducted according to EPA Method 9?	X 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 <i>inspector</i> for this unit during this site visit?	Yes	🖾No
a. Was the VE test conducted at a process rate that is representative of the normal rate?	Yes	No
Rate:		
<ul> <li>b. Was the VE test conducted according to EPA Method 9?</li> <li>c. The VE test resulted in an opacity of% for the highest six-minute average.</li> </ul>	Yes	No
<ul> <li>d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)</li> </ul>	T Yes	No
VE Opacity Limits		

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

<b>Emissions Unit Section</b>
3-NMMP Plant-Plant #2-CRUSHER & associated equipment

		only one
	box for each	n question)
Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Pro- {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the m is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, C Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) I (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including B and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Va (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	aajority Granite, d and Gravel; Rock Salt; Chloride, Borax, 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
<ol> <li>Is the EU located above ground (i.e., not in an underground mine)?</li> </ol>	$\sim$ Tes	No
3. Was the EU constructed, modified, or reconstructed after August 31, 1983?	Yes	No
<ul> <li>4. Is the EU one of the following?</li></ul>		No
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
<b>6.</b> 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
equal to 9 megagrams/hour (10 tons/hour) ?	Yes	No

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or			
belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?		Vac	□No
<i>{Note: "wet screening operation" means a screening operation which removes unwanted material or</i>		Yes	NO
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 processi			
of the material through screening operations, bucket elevators and belt conveyors. Material that is wett			
solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}			
<b>10.</b> Is the EU a screening operation, bucket elevator or belt conveyor in the production line			
downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?		Vac	
grinding min or storage on in the production line?		Yes	No
<i>(Note: Wet mining operation means a mining or dredging operation designed and operated to extract</i>			
any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic			
mineral is saturated with water. "Saturated material" means mineral material with sufficient surface			
moisture such that particulate matter emissions are not generated from processing of the material			
through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by			
wet suppression systems is not considered to be "saturated" for purposes of this definition.}			
If answer to any of the six Questions 5, 10, above is "Ves" then the EU is not subject to			
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			
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	D 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)?	Ц	Yes	L.No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	Ц	Yes	L.No
d. If yes, was the opacity less than or equal to 7% opacity?		Yes	No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not			
individually in compliance with emissions limits:			
a. Was an initial PM stack test performed on each vent control device within 180 days of			
initial startup of the EU? 🔲 N/A		Yes	🗌 No
$\{A  "vent" is any opening through which there is mechanically induced air flow for the and the second s$			
purpose of exhausting from a building air carrying particulate matter (PM) emissions from			
one or more affected EUs.}		Vac	□ N-
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?	H	Yes Yes	∐No ∏No
d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	H	Yes	□No □No
a. The initial registre emissions from non-vent building openings less than of equal to 7% opacity?		100	10

### <u>3 – NMMP Plant-Plant #2-CRUSHER & associated equipment</u>

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

	<u>3 –NMMP</u>	Plant-Plant	<b>#2-CRUSHER</b>	& associated	equipment
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22. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
individually in compliance with emissions limits:		
a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU?	/A 🗌 Yes	□ No
<i>A "vent" is any opening through which there is mechanically induced air flow for the</i>		
purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
one or more affected EUs.}		
b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	Yes	No
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7%	opacity? 🗍 Yes	No
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	e	
scrubber and the device has been calibrated on an annual basis in accordance with man		_
instructions?		No
{Note: The monitoring device must be certified by the manufacturer to be accurate with	hin +250	
pascals +1 inch water gauge pressure.}		
and he adaptice for the continuous measurement of the completing liquid flow rate to the wat complete	han and the	
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrub device has been calibrated on an annual basis in accordance with manufacturer's instru-		□No
{Note: The monitoring device must be certified by the manufacturer to be accurate with		
of design scrubbing liquid flow rate.	$1111 \pm 370$	
or design serve ong inquid now 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 year?	Yes	No
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit?	Yes	XNo
a. Was the VE test conducted at a process rate that is representative of the normal rate?		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 <i>inspector</i> for this unit during this site visit?	Yes	🖾No
a. Was the VE test conducted at a process rate that is representative of the normal rate?		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
VE Ongoity Limits		]
VE Opacity Limits           FU not subject to         Subpart OOO FU	Subpart OOO FU	

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

<b>Emissions Unit Section</b>
4-NMMP Plant-Plant #3-CRUSHER & associated equipment

I

		(check 🗹	only one
	I	box for each	question)
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processi	ng Plants?	
	<ul> <li>{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majoritis 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) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.]</li> <li>Is the EU located at a fixed or portable nonmetallic mineral processing plant</li> </ul>	ty Gravel; Salt; ride, Kernite, ulite;	
2	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	⊠ Yes ⊠ Yes	L.No
	Is the EU located above ground (i.e., not in an underground mine)?	$\square$ Yes	∐No ⊠No
4.	Is the EU one of the following?	Yes	No
	<ul> <li>□ crusher, □ grinding mill, □ bucket elevator, □ belt conveyor, □ bagging operation,</li> <li>□ storage bin, □ enclosed truck loading station □ enclosed railcar loading station;</li> <li>□ crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage silo or bin;</li> <li>□ screening operation (a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series, and retaining oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.)</li> <li>□ building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {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.}</li> </ul>		
	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bart 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	□ V	
7.	capacity less than or equal to 23 megagrams/hour (25 tons/hour)? Is the EU located at a portable sand and gravel plant or crushed stone plant with a	Yes	No
	capacity less than or equal to 136 megagrams/hour (150 tons/hour) ?	Yes	No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or equal to 9 megagrams/hour (10 tons/hour) ?	Yes	No

<b>1</b>				
9.	Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyer in a production line that processes saturated material up to the first crucher			
	belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?		Yes	□No
	<i>{Note: "wet screening operation" means a screening operation which removes unwanted material or</i>		105	NO
	which separates marketable fines from the product by a washing process which is designed and operate	od -		
	at all times such that the product is saturated with water. "Saturated material" means mineral material			
	with sufficient surface moisture such that particulate matter emissions are not generated from processi			
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wett			
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}			
10	Is the EU a screening operation, bucket elevator or belt conveyor in the production line			
	downstream of wet mining operation that process saturated material up to the first crusher,			_
	grinding mill or storage bin in the production line?		Yes	No
	<u> </u>			
	<i>Note: Wet mining operation means a mining or dredging operation designed and operated to extract</i>			
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic			
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface			
	moisture such that particulate matter emissions are not generated from processing of the material			
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}			
	wei 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.			
5	$\boldsymbol{z}$			
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			
12	Deep the EU have a particulate matter conture system (aquinment including analogues			
13	<b>. Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?		Yes	No
	moods, rails, dampers, etc.) to capture and transport particulate matter to a control device?		105	NO
If	answer to Question 13 is "No" skip the following questions and go directly to Question 19			
Ŭ				
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 No
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	_	Yes	L.No
	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	=	Yes	L.No
	d. If yes, was the opacity less than or equal to 7% opacity?		Yes	LNo
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			
	initial startup of the EU? N/A		Yes	No No
	A "vent" is any opening through which there is mechanically induced air flow for the			
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from			
	one or more affected EUs.}			
	b. 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
Í	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?		Yes	No
11				

### 4 -- NMMP Plant-Plant #3-CRUSHER & associated equipment

16. Is a baghouse used to control emissions from the EU?	<b>Yes</b>	□No
If yes, the owner operator: <ul> <li>conducts quarterly 30-minute VE tests using Method 22;</li> <li>uses a bag leak detection system specified in 40 CFR 60.674(d);</li> <li>follows the requirements of 40 CFR 63AAAAA Lime Manufacturi as specified in 40 CFR 60.674(e); or</li> <li>none of the above (i.e., out of compliance)</li> </ul>		
17. If the EU is an individual, enclosed storage bin controlled by a baghouse,		
were initial fugitive emissions less than or equal to 7% opacity? N/A	Yes	🗌 No
18. Is a wet scrubber used to control emissions from the EU?	Yes	No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	- 🗌 Yes	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250 pascals +1 inch water gauge pressure.}		
and		
<ul> <li>b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions ?         {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.}     </li> </ul>		No
	<b>—</b>	
19. Is wet suppression used to control emissions from the EU?	Yes	LNo
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 Dess the EU have a particulate matter continue material (a minute in the line and large and		
<b>20.Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	Yes	No
21.Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of		
initial startup of the EU? N/A	T Yes	No No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	$\square$ Yes	$\square$ .No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	$\square$ Yes	No
d. If yes, was the opacity less than or equal to 7% opacity?	$\square$ Yes	No

### 4 -- NMMP Plant-Plant #3-CRUSHER & associated equipment

22. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
individually in compliance with emissions limits:		
a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU? N/A	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.}	_	_
<ul> <li>b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?</li> <li>c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% or</li> </ul>		∐No ∏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 manu		
instructions?	Yes	No
{Note: The monitoring device must be certified by the manufacturer to be accurate with pascals +1 inch water gauge pressure.}	in +250	
and		
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrub		
device has been calibrated on an annual basis in accordance with manufacturer's instruc		LNo
{Note: The monitoring device must be certified by the manufacturer to be accurate with	10 + 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 y	ears? 🛛 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?		No
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit?	Yes	🖾No
a. Was the VE test conducted by the <i>owner/operator</i> for this unit during this site visit:		$\square$ No
Rate:		NO
b. Was the VE test conducted according to EPA Method 9?	Xes	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)	Xes	No
26. Was a VE test conducted by the <i>inspector</i> for this unit during this site visit?	Yes	🖾No
a. Was the VE test conducted at a process rate that is representative of the normal rate?	Yes	No
Rate:		
b. Was the VE test conducted according to EPA Method 9?	Yes	No
c. The VE test resulted in an opacity of% for the highest six-minute average.	<b>—</b>	
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)	Yes	No
VE Opacity Limits		
	Subpart OOO FU	

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

<b>Emissions Unit Section</b>	
5-NMMP Plant-Plant #4-CRUSHER and associated equipme	ent

		(check 🗹	only one
		box for each	question)
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin	ng Plants?	-
1. 2. 3.	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processis {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majori is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Grani Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Punice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vernice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.] Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?	ty te, Gravel; Salt; ride, Kernite, culite; ∑Yes ∑Yes	□No □No □No □No
	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.		
	the answer to an of the four Questions 1-4 above is Tes 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		
7	capacity less than or equal to 23 megagrams/hour (25 tons/hour)? Is the EU located at a portable sand and gravel plant or crushed stone plant with a	Yes	⊠No
	capacity less than or equal to 136 megagrams/hour (150 tons/hour) ?	Yes	🖾No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or equal to 9 megagrams/hour (10 tons/hour) ?	Yes	🖾No

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 ! 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	XNo				
	[Note: Wet mining operation means a mining or dredging operation designed and operated to extract any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic mineral is saturated with water. "Saturated material" means mineral material with sufficient surface moisture such that particulate matter emissions are not generated from processing of the material through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}							
sul	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	11. When was the EU last constructed, modified, or reconstructed? <u>1/1/2012</u>							
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	$\boxtimes$	Yes	No				
If .	answer to Question 12 is "No" skip the following questions and go directly to Question 20							
13	<b>Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?		Yes	XNo				
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)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?		Yes Yes	□No □No				
	d. If yes, was the opacity less than or equal to 7% opacity?		Yes	No				
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not individually in compliance with emissions limits:								
	a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU? N/A {A "vent" is any opening through which there is mechanically induced air flow for the		Yes	🗌 No				
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}							
	<ul> <li>b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?</li> <li>c. Was an initial VE test performed on fugitive emissions from non-vent building openings?</li> <li>d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?</li> </ul>		Yes Yes Yes	No No No				

5 –NMMP Plant-Plant #4-CRUSHER and associated equipmer
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16. Is a baghouse used to control emissions from the EU?	□ Y	esNo
If yes, the owner operator: conducts quarterly 30-minute VE tests using Method 22; uses a bag leak detection system specified in 40 CFR 60.674(d); follows the requirements of 40 CFR 63AAAAA Lime Manufacturin as specified in 40 CFR 60.674(e); or none of the above (i.e., out of compliance)	ıg	
17. If the EU is an individual, enclosed storage bin controlled by a baghouse,		
were initial fugitive emissions less than or equal to 7% opacity? N/A	□ Y	Yes 🗌 No
18. Is a wet scrubber used to control emissions from the EU?	□ Y	esNo
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	□ Y	∕es □No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250 pascals +1 inch water gauge pressure.}		
<ul> <li>b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions ?         {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.}     </li> </ul>		∕es □No
19.Is wet suppression used to control emissions from the EU?	ΓY	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	esNo
If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24.		
<b>20.Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	□ Y	∕es □No
<ul> <li>21. Initial Tests:</li> <li>a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?</li> <li>b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?</li> <li>c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?</li> </ul>	Π Y	Yes □ No Yes □No Yes □No
d. If yes, was the opacity less than or equal to 7% opacity?		esNo

_			
2	2. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
	individually in compliance with emissions limits:		
	a. Was an initial PM stack test performed on each vent control device within 180 days of		
	initial startup of the EU? N/A	Yes	No No
	$\{A $ "vent" is any opening through which there is mechanically induced air flow for the		
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
	one or more affected EUs.}		
	b. 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
2	2 Is a mat something wood to compare an insight on the FUP		
2	3. Is a wet scrubber used to control emissions from the EU?	Yes	L.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	<b>—</b>	
	instructions?	Yes	L.No
	{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
	pascals +1 inch water gauge pressure.}		
	and		
	b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and th	_	<b>—</b>
	device has been calibrated on an annual basis in accordance with manufacturer's instructions ?	∐ Yes	L.No
	{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%		
	of design scrubbing liquid flow rate.}		
~			
2	4. 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?	$\bigvee$ Yes	No
	ii. has the EU been tested yet within the current calendar year?	Yes	🖾No
2	5. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit?	Yes	🖾No
[	a. Was the VE test conducted at a process rate that is representative of the normal rate?	Yes	$\square$ No
	Rate:		10
	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.		
	<ul> <li>d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)</li> </ul>	Yes	No
	u. Did the VE lest demonstrate compnance with the opacity mint: (See chart below).		NO
2	6. Was a VE test conducted by the <i>inspector</i> for this unit during this site visit?	Yes	🖂No
[	a. Was the VE test conducted at a process rate that is representative of the normal rate?	☐ Yes	No
	Rate:		
	b. Was the VE test conducted according to EPA Method 9?	Yes	No
	c. The VE test resulted in an opacity of% for the highest six-minute average.		
	<ul> <li>d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)</li> </ul>	Yes	□No
	a. Die die 12 wie demonstrate compnance wan die opderty mint. (Dee endet below).		
	VE Opacity Limits		
1	EU not subject to Subpart OOO EU Subpart	t OOO EU	

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

### Emissions Unit Section <u>6 –NMMP Plant-Plant#5-CRUSHER & associated equipment</u>

	(check 🗹	only one
	box for each	question)
<ul> <li>Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processi {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majori is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Grani Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chld 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) Vernice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}</li> <li>Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?</li> <li>Is the EU located at one of the following?</li> <li>Kas the EU constructed, modified, or reconstructed after August 31, 1983?</li> <li>Is the EU one of the following?</li> <li>Crusher, grinding mill, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck loading station enclosed railcar loading station; crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage silo or bin; screening operation (a device for separating material according to size by passing undersize material on the mesh surfaces. Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.)</li> <li>building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emission</li></ul>	ng Plants? ty te, Gravel; Salt; oride, Kernite, culite; Yes Yes Yes	No No No No
<ul> <li>air carrying particulate matter (PM) emissions from one or more affected EUs.]</li> <li>If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.</li> <li>If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.</li> <li>5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?</li> <li>6. Is the EU located at a fixed sand and gravel plant or crushed stone plant with a capacity less than or equal to 23 megagrams/hour (25 tons/hour)?</li> <li>7. Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)?</li></ul>	<ul> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	⊠No ⊠No ⊠No ⊠No

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		
	<i>{Note: "wet screening operation" means a screening operation which removes unwanted material or</i>		105			
	which separates marketable fines from the product by a washing process which is designed and operate	d				
	at all times such that the product is saturated with water. "Saturated material" means mineral material					
	with sufficient surface moisture such that particulate matter emissions are not generated from processi					
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wett					
	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?	$\square$	Yes	🖾No		
	6					
	{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	. When was the EU last constructed, modified, or reconstructed? $1/1/2012$					
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	$\square$	Yes	No		
If	answer to Question 12 is "No" skip the following questions and go directly to Question 20					
IJ	answer to Question 12 is 110 skip the jollowing questions and go alrectly to Question 20					
13	<b>Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures,					
	Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	$\square$	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	L.No		
	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	=	Yes	L.No		
	d. If yes, was the opacity less than or equal to 7% opacity?	$\Box$	Yes	No		
15	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	_	* 7	<b>—</b>		
	initial startup of the EU? N/A	$\Box$	Yes	∐ No		
	$\{A  "vent" is any opening through which there is mechanically induced air flow for the$					
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from					
	one or more affected EUs.}		••	<b>—</b>		
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?		Yes	L.No		
	c. Was an initial VE test performed on fugitive emissions from non-vent building openings?	_	Yes	No		
	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	$\Box$	Yes	L.No		

6 – NMMP Plant-Plant#5-CRUSHER	& associated equipment

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

40 CFR 60 constructed, modified, constructed, modified,						
	EU not subject to	Subpart OOO EU	Subpart OOO E	U		
	VE Opac	ity Limits				
d. Did the VE test demonstrate compl			Yes	DNo		
c. The VE test resulted in an opacity of% for the highest six-minute average.						
b. Was the VE test conducted according to EPA Method 9?				No		
a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate:						
<b>26. Was a VE test conducted by the</b> <i>inspector</i> 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						
	u. Did the VE test demonstrate compliance with the opacity mint? (See chart below) 🖂 Tes 📋No					
<ul> <li>c. The VE test resulted in an opacity of% for the highest six-minute average.</li> <li>d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) X YesNo</li> </ul>				No		
b. Was the VE test conducted accordi			Yes	LNo		
Rate:						
a. Was the VE test conducted at a pro-	cess rate that is represe	ntative of the normal rate?	Xes	No		
25. Was a VE test conducted by the own				SNo		
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? Ye				🖾No		
				No		
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? Yes Yes b. If EU is subject to 40 CFR subpart OOO:						
24. When was the last VE test conducted by the owner/operator for this EU?						
of design scrubbing liquid flow r	rate. }					
{Note: The monitoring device m	ust be certified by the r			_		
device has been calibrated on an				No		
<i>and</i> b. a device for the continuous measure	ement of the scrubbing	liquid flow rate to the wet scrub	ber and the			
pascals +1 inch water gauge pres						
{Note: The monitoring device m			Yes	□INO		
scrubber and the device has been instructions?				□No		
a. a device for the continuous measure						
If yes, does the owner/operator mainta	in and operate:					
23. Is a wet scrubber used to control em	issions from the EU?		Yes	No		
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7% of	opacity? 🗌 Yes	LNo		
b. Was the EU found to be in complia				No		
one or more affected EUs.}						
purpose of exhausting from a building						
{A "vent" is any opening through white						
initial startup of the EU?			A Tyes	□ No		
		ol device within 180 days of				
		and all enclosed EUs are not				
22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not				
22. If the EU is a building enclosing any individually in compliance with emis a. Was an initial PM stack test perform initial startup of the EU?	ssions limits: ned on each vent contro	ol device within 180 days of				

or reconstructed prior

15%

10%

to 4/22/2008

Subpart OOO

20%

20%

Crusher with no capture system

All other affected EUs

or reconstructed on or

12%

7%

after 4/22/2008

<b>Emissions Unit Section</b>
7 -NMMP Plant-Plant #6-CRUSHER & associated equipment

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

9. 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
<i>{Note: "wet screening operation" means a screening operation which removes unwanted material or</i>		103	2
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 processi			
of the material through screening operations, bucket elevators and belt conveyors. Material that is weth	ed		
solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}			
<b>10.</b> Is the EU a screening operation, bucket elevator or belt conveyor in the production line			
downstream of wet mining operation that process saturated material up to the first crusher,			
grinding mill or storage bin in the production line?		Yes	🖾No
<i>{Note: Wet mining operation means a mining or dredging operation designed and operated to extract</i>			
any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic mineral is saturated with water. "Saturated material" means mineral material with sufficient surface			
mineral is saturated with water. Saturated material means mineral material with sufficient surface moisture such that particulate matter emissions are not generated from processing of the material			
through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by			
wet suppression systems is not considered to be "saturated" for purposes of this definition.}			
If answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to			
subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.			
If the answer to all of the six Questions 5-10 above is 100 then continue to Question 11.			
11. When was the EU last constructed, modified, or reconstructed? <u>1/1/2012</u>			
12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	$\square$	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
Kanguan to Augstion 12 is "No" skin the following questions and as directly to Augstion 10			
If answer to Question 13 is "No" skip the following questions and go directly to Question 19			
14. Initial Tests:			
a. Was an initial PM stack test performed on the control device within 180 days of	_		_
initial startup of the EU? $\Box$ N/A	Ц	Yes	
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	Н	Yes	L.No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)? d. If yes, was the opacity less than or equal to 7% opacity?	Н	Yes Yes	L.No
a. If yes, was the opacity less than of equal to 770 opacity.		105	
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		Vaa	
initial startup of the EU? $\square$ N/A {A "vent" is any opening through which there is mechanically induced air flow for the		Yes	∐ No
purpose of exhausting from a building air carrying particulate matter (PM) emissions from			
one or more affected EUs.			
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?		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?	$\square$	Yes	L.No

### 7 -- NMMP Plant-Plant #6-CRUSHER & associated equipment

16. Is a baghouse used to control emissions from the EU?	Ye	es 🗌No
If yes, the owner operator: Conducts quarterly 30-minute VE tests using Method Uses a bag leak detection system specified in 40 CFR follows the requirements of 40 CFR 63AAAAA Lim as specified in 40 CFR 60.674(e); or none of the above (i.e., out of compliance)	22; 8 60.674(d);	
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 🗌 Ye	es 🗌 No
18. Is a wet scrubber used to control emissions from the EU?	Ye	es 🗌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 scrubber and the device has been calibrated on an annual basis in accordance with r instructions?	nanufacturer's 🏾 Ye	es 🗌No
<ul> <li>and</li> <li>b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet so device has been calibrated on an annual basis in accordance with manufacturer's ins {Note: The monitoring device must be certified by the manufacturer to be accurate of design scrubbing liquid flow rate.}</li> </ul>	structions ? 🗌 Ye	es 🗌No
19.Is wet suppression used to control emissions from the EU?	Ye	es 🖾No
<ul> <li>If yes:</li> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action tak recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li> </ul>	ken, [] Ye	es 🗌No
If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the follow questions and go directly to Question 24.	ving	
20.Does the EU have a particulate matter <i>capture system</i> (equipment including enclosure Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control d		es 🗌No
<ul> <li>21. Initial Tests:</li> <li>a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?</li></ul>	gr/dscf)?	esNo esNo

### 7 -- NMMP Plant-Plant #6-CRUSHER & associated equipment

22. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
individually in compliance with emissions limits:		
a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU? N/A	Yes	🗌 No
<i>A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from</i>		
one or more affected EUs.}		
b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	☐ Yes	□No
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	Yes	No
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?	TYes	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250 pascals +1 inch water gauge pressure.}		NO
and		
<ul> <li>b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and th device has been calibrated on an annual basis in accordance with manufacturer's instructions ?         {Note: The monitoring device must be certified by the manufacturer to be accurate within +5%         of design scrubbing liquid flow rate. }</li> </ul>		No
24. When was the last VE test conducted by the owner/operator for this EU?		
<ul> <li>a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?</li> <li>b. If EU is subject to 40 CFR subpart OOO:</li> </ul>	Yes	No
i. has the EU been tested during each of the past 4 calendar years?	X Yes	No
ii. has the EU been tested yet within the current calendar year?	Yes	🖾No
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit?	T Yes	🖾No
a. Was the VE test conducted at a process rate that is representative of the normal rate?	Yes	No
Rate:	X Yes	
c. The VE test resulted in an opacity of% for the highest six-minute average.	les ies	LNo
<ul><li>d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)</li></ul>	Yes Yes	No
26. Was a VE test conducted by the <i>inspector</i> for this unit during this site visit?	T Yes	□No
a. Was the VE test conducted at a process rate that is representative of the normal rate? Rate:	Yes	No
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
VF Opacity Limits		

VE Opacity Limits				
	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008	
Crusher with no capture system	20%	15%	12%	
All other affected EUs	20%	10%	7%	

<u>RI</u>	EASONABLE PRECAUTIONS FOR UNCONFINED EMISSIONS	(check 🗹 box for each d	only one question)
1.	<ul> <li>Does the owner/operator of the NMMP Plant take reasonable precautions to control unconfined emissions by:</li> <li>a) Use of water suppression system(s) with spray bars located wherever unconfined emissions occur (at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points)? N/A</li> <li>If no, where are unconfined emissions occurring? no</li> </ul>	TYes	🗌 No
	<ul> <li>b) Use of water trucks equipped with spray bars to apply water or effective dust suppressant(s) on a regular basis (to all stockpiles, roadways and work yards)? N/A</li> <li>c) Paving and maintaining roads and parking areas? N/A</li> <li>d) Removal of particulate matter from roads and other paved areas under control of the owner/operator to prevent re-entrainment, and from building or work</li> </ul>	∑ Yes ☐ Yes	No No
	areas to reduce airborne particulate matter? N/A e) Reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? N/A	⊠ Yes ⊠ Yes	∐ No □ No
2.	If reasonable precautions <u>not</u> being taken: a) Did the inspector perform a general VE test (20% opacity)? N/A b) If tested: ( <u>na</u> )% opacity. Were the visible emissions < 20% opacity? c) What caused the problem(s) (if known)? <u>na</u>	☐ Yes ☐ Yes	□ No □No

#### **CONFIRMATION OF GENERAL PERMIT ELIGIBILITY** (check $\square$ only one box for each question) 1. Does this facility keep records to show that it does not have the potential to emit: a) 10 tons per year or more of any hazardous air pollutant? ------ Yes ...No ...No c) 100 tons per year or more of any other regulated air pollutant? ------ Xes ...No 2. Does this facility include: a) any emission units or activities not covered by the applicable air general permit (with the exception of units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) or Rule 62-4.040, F.A.C.)? ------ Yes X..No If YES, what non-exempt units or activities? na b) any emissions units or activities authorized by another air general permit where such other air general permit and this general permit specifically allow the use of one another at the same facility? ----- Yes X..No If YES, what other general permit units or activities? na

3.	Is the total combined annual facility-wide fuel usage of all plants less than or equal to:	
	a) 275,000 gallons of diesel fuel? Xes	No
	b) 23,000 gallons of gasoline? Xes	No
	c) 44 million standard cubic feet on natural gas? Yes	No
	d) 1.3 million gallons of propane? Xes	No
	e) or an equivalent prorated amount if multiple fuels are used onsite (use equation below)? Xes	No
	$\frac{119,529) \text{ gal diesel/yr} + (0) \text{ gal gasoline/yr} + (0) \text{ MM SCF nat. gas/yr} + (0) \text{ MM gal propane/yr} \leq 1.00?}{23,000 \text{ gal gasoline/yr}} \frac{44 \text{ MM SCF nat. gas/yr}}{44 \text{ MM SCF nat. gas/yr}} \frac{1.3 \text{ MM gal propane/yr}}{1.3 \text{ MM gal propane/yr}} \leq 1.00?$	
4.	Has the owner/operator maintained, available for inspection, site-wide records of monthly fuel consumption for each consecutive 12-period for the past 5 years? X Yes	No

G	ENERAL CONDITIONS	(check 🗹	-
1.	Has the owner or operator allowed the circumvention of any air pollution control device, or	box for each	question)
	Allowed the emission of air pollutants without the proper operation of all applicable air	_	_
	pollution control devices?	Yes	⊠No
2.	Does the owner or operator:		_
	a) maintain the authorized facility in good condition?	- 🛛 Yes	No
	b) ensure that the facility maintains its eligibility to use the air general permit and complies with all		
	terms and conditions of the air general permit?		No
3.	Has the owner or operator allowed you, as the duly authorized representative of the Department, access	S	
	to the facility at reasonable times to inspect and test and to determine compliance with the air general	5	_
	permit and Department rules?	- 🛛 Yes	L.No

	ELOCATABLE PLANT         The facility: S is stationary; is relocatable; or consists of both stationary and relocatable         NMMP and/or concrete batching plants. (If only stationary, skip the following questions 2 and 3.)	(check 🗹 box for each	only one question)
2.	<ul> <li>For a relocated NMMP plant:</li> <li>a) did the owner or operator notify the appropriate Department or Local Air Program by telephone, e-mail, fax, or written communication at least one business day prior to changing location?</li> <li>b) did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900( to the Department or Local Air Program no later than five business days following relocation?</li></ul>	6)]	□No □No
3.	If the relocatable NMMP plant was co-located at a facility with a separate air construction or air operate permit, and the relocatable NMMP plant is <u>not</u> included as an emissions unit in that separate permit: a) was the relocatable NMMP plant being used for a non-routine purpose?		□No
	<ul> <li>b) were records kept by the owner/operator to indicate how long it was co-located at the permitted facility?</li> <li>If YES, were any periods more than 6 months in any consecutive 12-month period?</li> </ul>	Yes Yes	□No □No

	HANGES dministrative Changes:	(check ☑ box for each	only one question)
1.	Were there any changes in the name, address, or phone number of the facility or authorized representa associated with a change in ownership or with a physical relocation of the facility or any emissions un		
2.	operations comprising the facility; or any other similar minor administrative change at the facility? If YES, did the facility provide written notification within 30 days of the change?	Yes Yes	⊠No □No
	ew 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?		⊠No
	<ul><li>b) Alterations to existing process equipment without replacement?</li><li>c) Replacement of existing equipment with equipment that is substantially different?</li></ul>	- 🗌 Yes	⊠No ⊠No
4.	d) A change in ownership? If the answer to any question 3a. – d. is YES, was a new registration form and the appropriate fee sul		⊠No
	30 days prior to the change?	🗌 Yes	No

C. Mark Sumner

Inspector's Name (Please Print)

Mark Sen

Inspector's Signature

7/23/2014

Date of Inspection

TBD

Approximate Date of Next Inspection

COMMENTS: