

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



## COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2)  COMPLAINT/DISCOVERY (CI)  RE-INSPECTION (FUI)  ARMS COMPLAINT NO:						
AIRS ID#: 7775667 DATE: <u>01/27/2010</u> ARRIVE: <u>10:25AM</u> DEPART: <u>11:05AM</u>						
FACILITY NAME: SDI QUARRY						
FACILITY LOCATION: 16100 SW 365TH ST						
FLORIDA CITY 33034						
OWNER/AUTHORIZED REPRESENTATIVE: FRANK CARROLL Email: fjc@atlanticcivil.net CONTACT NAME: FRANK CARROLL Email: fjc@atlanticcivil.net ENTITLEMENT PERIOD: 2/19/2011 / 2/19/2016 (effective date) (end date)  PHONE: (305)670-961 Mobile: PHONE: (305)670-961 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): Andy Penfield  Brief Notes:	(check ☑ only one box for each question)					
2. Is the Authorized Representative still FRANK CARROLL?	<ul><li>∑ Yes</li></ul>					
3. Is the facility contact still FRANK CARROLL?	YesNo					

## Emissions Unit Section 1 -NMMP Plant-#1prim.crusherof2,w/hopr&conveyor,300T/hr&RICE

		(check 🗹	only one
	ł	ox for each	question)
Τς	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin		,
15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the 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?	Yes	□No
	Is the EU one of the following?	Yes	□No
	☐ crusher, ☐ grinding mill, ☐ bucket elevator, ☐ belt conveyor, ☐ bagging operation,		
	storage bin, enclosed truck loading station enclosed railcar loading station;		
	crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic		
	minerals embedded in recycled asphalt pavement or subsequent emissions unit up to,		
	but not including, the first storage silo or bin;		
	screening operation (a device for separating material according to size by passing		
	undersize material through one or more mesh surfaces (screens) in series, and retaining		
	oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping		
	and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing		
	plant are not considered to be screening operations.)		
	building enclosing any of the above EUs if all enclosed EUs are not individually in		
	compliance with emissions limits. {A "vent" is any opening through		
	which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}		
	air carrying particulate matter (1 m) emissions from one or more affected Eos.;		
Ιf	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	N 11	
_	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	Yes	□No
0.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a	✓ Vac	□ No
7	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	⊠ Yes	□No
/٠	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	Yes	□No
Q	Is the EU located at a common clay plant or pumice plant with capacity less than or	1 es	□140
٠.	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No
	equal to 7 megagrams/nour (10 tons/nour).	103	

## $\underline{1-NMMP\ Plant-\#1prim.crusherof2,} w/hopr\&conveyor, 300T/hr\&RICE$

9.	Is the EU a wet screening operation or subsequent screening operation, bucket elevator or		
	belt conveyor in a production line that processes saturated material up to the first crusher,		
	grinding mill or storage bin in the production line?	☐ Yes	⊠No
	{Note: "wet screening operation" means a screening operation which removes unwanted material or		
	which separates marketable fines from the product by a washing process which is designed and operat	ed	
	at all times such that the product is saturated with water. "Saturated material" means mineral materia		
	with sufficient surface moisture such that particulate matter emissions are not generated from processi		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet		
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
10	Is the EU a screening operation, bucket elevator or belt conveyor in the production line		
	downstream of wet mining operation that process saturated material up to the first crusher,		
	grinding mill or storage bin in the production line?	☐ Yes	⊠No
	[Note: Wet mining operation means a mining or dredging operation designed and operated to extract		
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic		
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface		
	moisture such that particulate matter emissions are not generated from processing of the material		
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by		
	wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
<b>I</b> f	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to		
	bpart OOO so skip the following questions and go directly to Question 24.		
<b>If</b>	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 Yes	□No
If	answer to Question 13 is "No" skip the following questions and go directly to Question 19		
14	.Initial Tests:		
	a. Was an initial PM stack test performed on the control device within 180 days of		
	initial startup of the EU? N/A	☐ Yes	☐ No
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	Yes	□No
	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	Yes	□No
	d. If yes, was the opacity less than or equal to 7% opacity?	Yes	□No
15	.If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
	individually in compliance with emissions limits:		
	a. Was an initial PM stack test performed on each vent control device within 180 days of		
	initial startup of the EU? N/A	Yes	☐ No
	{A "vent" is any opening through which there is mechanically induced air flow for the		
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
	one or more affected EUs.}		
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	Yes	□No
	c. Was an initial VE test performed on fugitive emissions from non-vent building openings?	Yes	□No
	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?		□No
	or officers.		

## $\underline{1-NMMP\ Plant-\#1prim.crusherof2,} w/hopr\&conveyor, 300T/hr\&RICE$

16. Is a baghouse used to control emissions from the EU?	Yes	□No
If yes, the owner operator:  conducts quarterly 30-minute VE tests using Method 22; uses a bag leak detection system specified in 40 CFR 60.674(d); follows the requirements of 40 CFR 63AAAAA Lime Manufacturing as specified in 40 CFR 60.674(e); or none of the above (i.e., out of compliance)		
17. If the EU is an individual, enclosed storage bin controlled by a baghouse, were initial fugitive emissions less than or equal to 7% opacity?   N/A	☐ Yes	☐ No
<b>18.Is a wet scrubber used to control emissions from the EU?</b> 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 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
<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
21. Initial Tests:  a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No

## $\underline{1-NMMP\ Plant-\#1prim.crusherof2,} w/hopr\&conveyor, 300T/hr\&RICE$

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi					
a. Was an initial PM stack test perform	ned on each vent contro	ol device within 180 days of			
initial startup of the EU?			/A	Yes Yes	☐ No
$\{A \text{ "vent" is any opening through whith}\}$					
purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}				_	_
b. Was the EU found to be in complia				∐ Yes	∐No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7%	opacity?	∐ Yes	∐No
23.Is a wet scrubber used to control en	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	Δ.		
scrubber and the device has beer					
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 scrul	bber and the		
device has been calibrated on an				Yes Yes	□No
{Note: The monitoring device m				_	_
of design scrubbing liquid flow i					
24. When was the last VE test conducte				_	_
a. If EU is not subject to 40 CFR 60 s		U been tested within the past 5	years?	∐ Yes	∐No
b. If EU is subject to 40 CFR subpart				<b>-</b> -	
i. has the EU been tested during	each of the past 4 caler	ndar years?		⊠ Yes	∐No
ii. has the EU been tested yet with	thin the current calenda	r year?		⊠ Yes	∐No
25. Was a VE test conducted by the own	ver/onerator for this up	nit during this site visit?		Yes	⊠No
a. Was the VE test conducted by the own				Yes	□No
Rate:	cess rate that is represe.	intative 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			'		
d. Did the VE test demonstrate compl	iance with the opacity l	limit? (See chart below)		☐ Yes	□No
	,,,,	(200 000 000 000 000	'		
26. Was a VE test conducted by the insp	<i>pector</i> for this unit dur	ring this site visit?		Yes	⊠No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		Yes Yes	□No
Rate:					
b. Was the VE test conducted accordi				Yes	□No
c. The VE test resulted in an opacity of				_	_
d. Did the VE test demonstrate compl	iance with the opacity l	limit? (See chart below)		∐ Yes	□No
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	OOO EU	
	40 CFR 60	constructed, modified,	construct	ted, modifi	ed,
	Subpart OOO	or reconstructed prior	or recons	structed on	or
	-	to 4/22/2008	after 4/22		
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
		1	1		

## Emissions Unit Section 2 –CRUSHER CONVEYOR #1

		(check 🗹	only one
	ł	ox for each	question)
<u>Is</u>	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorities any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium 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.}	ng Plants? 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
3.	Is the EU located above ground (i.e., not in an underground mine)?	Xes	□No □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		
6.	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	∐ Yes	□No
	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	□No
	Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	⊠ Yes	□No
•	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No

### **2 -CRUSHER CONVEYOR #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
	{Note: "wet screening operation" means a screening operation which removes unwanted material or		
	which separates marketable fines from the product by a washing process which is designed and operat	ed	
	at all times such that the product is saturated with water. "Saturated material" means mineral materia		
	with sufficient surface moisture such that particulate matter emissions are not generated from processi		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet		
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
10	Is the EU a screening operation, bucket elevator or belt conveyor in the production line		
	downstream of wet mining operation that process saturated material up to the first crusher,		
	grinding mill or storage bin in the production line?	☐ Yes	⊠No
	[Note: Wet mining operation means a mining or dredging operation designed and operated to extract		
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic		
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface		
	moisture such that particulate matter emissions are not generated from processing of the material		
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by		
	wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
<b>I</b> f	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to		
su	bpart OOO so skip the following questions and go directly to Question 24.		
<b>I</b> f	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11	.When was the EU last constructed, modified, or reconstructed?		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	☐ Yes	□No
14	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008:	1 es	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 Yes	□No
15	.If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
	individually in compliance with emissions limits:		
	a. Was an initial PM stack test performed on each vent control device within 180 days of		
	initial startup of the EU? N/A	☐ Yes	☐ No
	{A "vent" is any opening through which there is mechanically induced air flow for the		
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
	one or more affected EUs.}		
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	☐ Yes	□No
	c. Was an initial VE test performed on fugitive emissions from non-vent building openings?	Yes	□No
	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?		□No

### **2 -CRUSHER CONVEYOR #1**

16. Is a baghouse used to control emissions from the EU?		Yes	□No
If yes, the owner operator:			
uses a bag leak detection system specified in 40 CFR 60.674(d);			
follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	ng		
as specified in 40 CFR 60.674(e); or			
none of the above (i.e., out of compliance)			
17. If the EU is an individual, enclosed storage bin controlled by a baghouse,	_		_
were initial fugitive emissions less than or equal to 7% opacity? N/A		Yes	∐ No
18. Is a wet scrubber used to control emissions from the EU?	Ш	Yes	∐No
If yes, does the owner/operator maintain and operate:			
a. a device for the continuous measurement of the pressure loss of the gas stream through the			
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		* 7	
instructions?	· 📙 ՝	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?		Vec	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%	Ш	103	
of design scrubbing liquid flow rate.}			
of design serubbing fiquid flow rate.			
19. Is wet suppression used to control emissions from the EU?	$\Box$	Yes	□No
19. Is wet suppression used to control emissions from the EU?	,	Yes	□No
If yes:		Yes	□No
		Yes	□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to		Yes	□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?		Yes	□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?  b. Does the owner/operator initiate corrective action within 24 hours and complete 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,			□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?  b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?			□No
<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>			
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?  b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?  c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?			
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<ul> <li>If yes: <ul> <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> </li> <li>If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24.</li> <li>20. Does the EU have a particulate matter capture system (equipment including enclosures,</li> </ul>		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	
<ul> <li>If yes: <ul> <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></li></ul>		Yes	No
<ul> <li>If yes: <ul> <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></li></ul>		Yes	No
<ul> <li>If yes: <ul> <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> </li> <li>If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24.</li> <li>20. Does the EU have a particulate matter capture system (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?</li> <li>21. Initial Tests: <ul> <li>a. Was an initial PM stack test performed on the control device within 180 days of</li> </ul> </li> </ul>		Yes Yes	No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?  b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?  c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?		Yes Yes	NoNo
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?  b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?  c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?		Yes Yes	
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?  b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?  c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?		Yes Yes Yes Yes	NoNo

### **2 -CRUSHER CONVEYOR #1**

22. If the EU is a building enclosing an	y other regulated EUs	and all enclosed EUs are not			
individually in compliance with em	nissions limits:				
a. Was an initial PM stack test perfo	rmed on each vent contr	ol device within 180 days of			
		N	'A	☐ Yes	☐ No
{A "vent" is any opening through wh	nich there is mechanicall	ly induced air flow for the			
purpose of exhausting from a buildin					
one or more affected EUs.}	0 ···	, , , , , , , , , , , , , , , , , , , ,			
b. Was the EU found to be in compli	iance with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions from				☐ Yes	□No
e. Were initial ragitive emissions fro	on non-vent bunding op-	change less than or equal to 770 v	opacity.		
23. Is a wet scrubber used to control e	missions from the FII?			☐ Yes	□No
If yes, does the owner/operator main					
		ass of the assistances through the			
a. a device for the continuous measu					
		al basis in accordance with manu		□ x7	
				☐ Yes	∐No
	•	nanufacturer to be accurate with	in +250		
pascals +1 inch water gauge pro	essure.}				
and					
b. a device for the continuous measu				e	
device has been calibrated on a	n annual basis in accorda	ance with manufacturer's instruc	ctions?	☐ Yes	□No
{Note: The monitoring device i	must be certified by the 1	nanufacturer to be accurate with	in +5%		
of design scrubbing liquid flow	rate.}				
24. When was the last VE test conduct	ed by the owner/operat	tor for this EU?			
a. If EU is not subject to 40 CFR 60			ears?	☐ Yes	□No
b. If EU is subject to 40 CFR subpar					_
		ndar years?		Yes	□No
ii has the EU been tested vet w	ithin the current calenda	r year?		⊠ Yes	□No
		_ y = == .			
25. Was a VE test conducted by the ow	ner/onerator for this m	nit during this site visit?		☐ Yes	⊠No
a. Was the VE test conducted at a pr				Yes	□No
Rate:	occss rate that is represe	mative of the normal rate:		1 Cs	
b. Was the VE test conducted accord	ling to EDA Mothod 02			☐ Yes	□No
The VE test resulted in an amosity	of 0/ for the high	act civ minuta arranga		☐ 1 cs	□100
c. The VE test resulted in an opacity				□ <b>3</b> 7	□ N.
d. Did the VE test demonstrate comp	pliance with the opacity	iimit! (See chart below)		☐ Yes	□No
				□ x <sub>7</sub>	
26. Was a VE test conducted by the <i>ins</i>					∐No
a. Was the VE test conducted at a pr	ocess rate that is represe	ntative of the normal rate?		Yes Yes	∐No
Rate:					
				_	
b. Was the VE test conducted accord				Yes Yes	□No
<ul> <li>b. Was the VE test conducted accord</li> <li>c. The VE test resulted in an opacity</li> </ul>	of% for the high	est six-minute average.		_	□No
b. Was the VE test conducted accord	of% for the high	est six-minute average.		☐ Yes	□No
<ul> <li>b. Was the VE test conducted accord</li> <li>c. The VE test resulted in an opacity</li> </ul>	of% for the high	est six-minute average.		_	
<ul> <li>b. Was the VE test conducted accord</li> <li>c. The VE test resulted in an opacity</li> </ul>	of% for the high pliance with the opacity	est six-minute average. limit? (See chart below)		_	
<ul> <li>b. Was the VE test conducted accord</li> <li>c. The VE test resulted in an opacity</li> </ul>	of% for the high- pliance with the opacity : VE Opac	est six-minute average. limit? (See chart below)  ity Limits		Yes	
<ul> <li>b. Was the VE test conducted accord</li> <li>c. The VE test resulted in an opacity</li> </ul>	of% for the high pliance with the opacity	est six-minute average. limit? (See chart below)		_	
<ul> <li>b. Was the VE test conducted accord</li> <li>c. The VE test resulted in an opacity</li> </ul>	of% for the high- pliance with the opacity : VE Opac	est six-minute average. limit? (See chart below)  ity Limits  Subpart OOO EU	Subpart	Yes	
<ul> <li>b. Was the VE test conducted accord</li> <li>c. The VE test resulted in an opacity</li> </ul>	VE Opac  EU not subject to 40 CFR 60	est six-minute average. limit? (See chart below)  ity Limits  Subpart OOO EU  constructed, modified,	Subpart	Yes OOO Elected, mod	□No U lified,
<ul> <li>b. Was the VE test conducted accord</li> <li>c. The VE test resulted in an opacity</li> </ul>	we of% for the high- pliance with the opacity  VE Opac  EU not subject to	est six-minute average. limit? (See chart below)  ity Limits  Subpart OOO EU  constructed, modified, or reconstructed prior	Subpart constructor recor	Yes OOO Elected, modestructed	□No U lified,
b. Was the VE test conducted accord.  c. The VE test resulted in an opacity.  d. Did the VE test demonstrate comp.	VE Opac  EU not subject to 40 CFR 60 Subpart OOO	ity Limits Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart	Yes OOO Events Coted, modestructed 22/2008	□No U lified,
<ul> <li>b. Was the VE test conducted accord</li> <li>c. The VE test resulted in an opacity</li> </ul>	VE Opac  EU not subject to 40 CFR 60	est six-minute average. limit? (See chart below)  ity Limits  Subpart OOO EU  constructed, modified, or reconstructed prior	Subpart constructor recor	Yes OOO Elected, modestructed	□No U lified,

## Emissions Unit Section 3 –NMMP Plant-#2prim.crusherof2,w/hopr&conveyor,300T/hr&RICE

		(check 🗹	only one
	ł	ox for each	question)
<u>Is</u>	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorities any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock of (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlorand Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.)	ng Plants? y e, Gravel; Salt; ride, Kernite,	1
	Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?	∑ Yes	□No
3.	Is the EU located above ground (i.e., not in an underground mine)?		□No □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
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
	Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	∑ Yes	No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No

## $\underline{3-NMMP\ Plant-\#2prim.crusherof2,} w/hopr\&conveyor, 300T/hr\&RICE$

belt conveyor in grinding mill of {Note: "wet scr which separated at all times such with sufficient s of the material	screening operation or subsequent screening operation, bucket elevator or a production line that processes saturated material up to the first crusher, storage bin in the production line?	l ng	⊠No
downstream of grinding mill or {Note: Wet min any nonmetallic mineral is satur moisture such through screen	tening operation, bucket elevator or belt conveyor in the production line wet mining operation that process saturated material up to the first crusher, a storage bin in the production line?	Yes	⊠No
subpart 000 so sk If the answer to al	the six Questions 5-10 above is "Yes" then the EU is not subject to cip the following questions and go directly to Question 24.  I of the six Questions 5-10 above is "No" then continue to Question 11.		
	EU last constructed, modified, or reconstructed? onstructed, modified, or reconstructed on or after 4/22/2008?	☐ Yes	□No
If answer to Quest	ion 12 is "No" skip the following questions and go directly to Question 20		
	ave a particulate matter <i>capture system</i> (equipment including enclosures, ns, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	□No
If answer to Quest	ion 13 is "No" skip the following questions and go directly to Question 19		
initial star b. If yes, was th c. Was an initia	al PM stack test performed on the control device within 180 days of tup of the EU?	Yes Yes Yes Yes Yes	☐ No ☐No ☐No ☐No
individually in  a. Was an initial initial star {A "vent" purpose of	building enclosing any other regulated EUs and all enclosed EUs are not compliance with emissions limits:  1 PM stack test performed on each vent control device within 180 days of tup of the EU?	☐ Yes	□ No
<ul><li>b. If yes, was th</li><li>c. Was an initia</li></ul>	e EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? I VE test performed on fugitive emissions from non-vent building openings?	☐ Yes ☐ Yes ☐ Yes	□No □No □No

## $\underline{3-NMMP\ Plant-\#2prim.crusherof2,} w/hopr\&conveyor, 300T/hr\&RICE$

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
<b>18.Is a wet scrubber used to control emissions from the EU?</b> 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
<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
21. Initial Tests:  a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No

## $\underline{3-NMMP\ Plant-\#2prim.crusherof2,} w/hopr\&conveyor, 300T/hr\&RICE$

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi					
a. Was an initial PM stack test perform	med on each vent contro	ol device within 180 days of		_	_
initial startup of the EU?			/A	∐ Yes	∐ No
{A "vent" is any opening through whi					
purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}					
b. Was the EU found to be in complia				∐ Yes	∐No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7% of	opacity?	☐ Yes	□No
23.Is a wet scrubber used to control en	riagiona fuom the EUO			☐ Yes	□No
If yes, does the owner/operator mainta					110
a. a device for the continuous measur		oss of the gas stream through the	2		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m				Tes	
pascals +1 inch water gauge pres	•	nandracturer to be accurate with	III 1230		
and	33410. j				
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	ber and the	2	
device has been calibrated on an	- C	•		☐ 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					
24. When was the last VE test conducte					
a. If EU is not subject to 40 CFR 60 s		U been tested within the past 5	years?	☐ Yes	□No
b. If EU is subject to 40 CFR subpart		1 0		N 317	
i. has the EU been tested during each of the past 4 calendar years?ii. has the EU been tested yet within the current calendar year?				Yes	□No
ii. has the EU been tested yet wi	thin the current calenda	r year?		⊠ Yes	∐No
25. Was a VE test conducted by the own	ner/onerator for this iii	nit during this site visit?		☐ Yes	⊠No
a. Was the VE test conducted at a pro				Yes	□No
Rate:	coss race and is represe				
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 insp				∐ Yes	⊠No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		☐ Yes	∐No
Rate:	TD 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
b. Was the VE test conducted accordi				Yes Yes	□No
c. The VE test resulted in an opacity of				□ <b>v</b>	□ Nt.
d. Did the VE test demonstrate compl	nance with the opacity	imit? (See chart below)		Yes	□No
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	OOO EU	
	40 CFR 60	constructed, modified,	construc	ted, modifi	ied,
	Subpart OOO	or reconstructed prior	or recon	structed or	ı or
	-	to 4/22/2008	after 4/2		
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
		•			

## Emissions Unit Section 4 –CRUSHER CONVEYOR #2

		(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,	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?		□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)?		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

### <u>4 -CRUSHER CONVEYOR #2</u>

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

### <u>4 -CRUSHER CONVEYOR #2</u>

16. Is a baghouse used to control emissions from the EU?		Yes	□No
If yes, the owner operator:			
uses a bag leak detection system specified in 40 CFR 60.674(d);			
follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	ng		
as specified in 40 CFR 60.674(e); or			
none of the above (i.e., out of compliance)			
17. If the EU is an individual, enclosed storage bin controlled by a baghouse,	_		_
were initial fugitive emissions less than or equal to 7% opacity? N/A		Yes	∐ No
18. Is a wet scrubber used to control emissions from the EU?	Ш	Yes	∐No
If yes, does the owner/operator maintain and operate:			
a. a device for the continuous measurement of the pressure loss of the gas stream through the			
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		* 7	
instructions?	· 📙 ՝	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	3		
device has been calibrated on an annual basis in accordance with manufacturer's instructions?		Vec	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%	Ш	103	
of design scrubbing liquid flow rate.}			
of design serubbing fiquid flow rate.			
19. Is wet suppression used to control emissions from the EU?		Yes	□No
19. Is wet suppression used to control emissions from the EU?		Yes	□No
If yes:		Yes	□No
		Yes	□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to		Yes	□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?		Yes	□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?  b. Does the owner/operator initiate corrective action within 24 hours and complete 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,			□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?  b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?			□No
<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>			
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)?			
<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>			
<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>			
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<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	
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If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?  b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?  c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?		Yes Yes	NoNo
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### <u>4 -CRUSHER CONVEYOR #2</u>

individually in compliance with em  a. Was an initial PM stack test performinitial startup of the EU?  {A "vent" is any opening through wh				
initial startup of the EU?	med on each vent conti			
		rol device within 180 days of	_	
{A "vent" is any onening through wh			V/A Yes	☐ No
purpose of exhausting from a building	g air carrying particula	tte matter (PM) emissions from		
one or more affected EUs.}				
b. Was the EU found to be in compli	ance with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?	? Yes	□No
c. Were initial fugitive emissions fro	m non-vent building op	penings less than or equal to 7%	opacity? Yes	□No
3.Is a wet scrubber used to control er	nissions from the EU?	·	Yes	□No
If yes, does the owner/operator maint				
a. a device for the continuous measur		loss of the gas stream through th	ne	
scrubber and the device has bee				
instructions?				□No
{Note: The monitoring device n				
pascals +1 inch water gauge pre	•	manufacturer to be accurate with	iiiii 1230	
and	.,			
b. a device for the continuous measur	rement of the scrubbing	liquid flow rate to the wet scru	bber and the	
device has been calibrated on ar				□No
{Note: The monitoring device n				□10
of design scrubbing liquid flow		manufacturer to be accurate with	.mm +370	
or design servesting inquite its w	14.0.			
4. When was the last VE test conducte	ed by the owner/oners	ntor for this EU?		
a. If EU is not subject to 40 CFR 60	2	· · · · · · · · · · · · · · · · · · ·	years? Yes	□No
b. If EU is subject to 40 CFR subpart		20 been tested within the past 3	years res	
i. has the EU been tested during		endar vears?	X Yes	□No
ii. has the EU been tested yet wi				□No
n. has the Do been tested yet wi	timi the current calcing	ar year:	Z 103	
5. Was a VE test conducted by the <i>ow</i>	ner/onerator for this u	ınit during this site visit?		⊠No
a. Was the VE test conducted at a pro				□No
Rate:	seess rate that is represe	entative of the normal rate:		
b. Was the VE test conducted accord	ing to FPA Method 92			□No
c. The VE test resulted in an opacity	of % for the high	ast siv minuta avaraga		
d. Did the VE test demonstrate comp	Jianga with the openity	limit? (See chart below)	Yes	□No
d. Did the VE test demonstrate comp	nance with the opacity	mint: (See chart below)		
6. Was a VE test conducted by the ins	nector for this unit du	ring this site visit?	Yes	⊠No
a. Was the VE test conducted by the <i>ins</i>				□No
Rate:	ocess rate that is represe	entative of the normal rate:	<u> </u>	
b. Was the VE test conducted accord	ing to EDA Mothod 02		Yes	□No
c. The VE test conducted accord			1 es	NO
			□ Vac	□ No
d. Did the VE test demonstrate comp	nance with the opacity	mint: (See chart below)	Yes	□No
	VE Opac	city Limits		
	EU not subject to	Subpart OOO EU	Subpart OOO EU	J
	40 CFR 60	constructed, modified,	constructed, mod	
	40 CI II 00		· · · · · · · · · · · · · · · · · · ·	,
	Subpart OOO	or reconstructed neige		
	Subpart OOO	or reconstructed prior	or reconstructed	
	-	to 4/22/2008	after 4/22/2008	
Crusher with no capture system All other affected EUs	20% 20%	_		

## **Facility Section (continued)**

REASONABLE PRECAUTIONS FOR UNCONFINED EMISSIONS	(check 🗹 box for each	only one question)
1. Does the owner/operator of the NMMP Plant take reasonable precautions to control unconfined		
emissions by:  a) Use of water suppression system(s) with spray bars located wherever unconfined emissions occur (at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points)?   N/A  If no, where are unconfined emissions occurring?	⊠ Yes	□ No
b) Use of water trucks equipped with spray bars to apply water or effective dust suppressant(s) on a regular basis (to all stockpiles, roadways and work yards)? N/A c) Paving and maintaining roads and parking areas? N/A d) Removal of particulate matter from roads and other paved areas under control	⊠ Yes ⊠ Yes	☐ No ☐ No
of the owner/operator to prevent re-entrainment, and from building or work areas to reduce airborne particulate matter? N/A	⊠ Yes	☐ No
e) Reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? N/A	⊠ Yes	☐ No
2. If reasonable precautions <u>not</u> being taken:  a) Did the inspector perform a general VE test (20% opacity)?  N/A  b) If tested: ()% opacity. Were the visible emissions < 20% opacity?  c) What caused the problem(s) (if known)?	⊠ Yes ⊠ Yes	□ No □No
CONFIRMATION OF GENERAL PERMIT ELIGIBILITY  1. Describing facilities become according to a boundary in description of the control of the cont	(check 🗹 box for each c	only one question)
Does this facility keep records to show that it does not have the potential to emit:     a) 10 tons per year or more of any hazardous air pollutant?     b) 25 tons per year or more of any combination of hazardous air pollutants?     c) 100 tons per year or more of any other regulated air pollutant?	- Yes	⊠No ⊠No ⊠No
2. Does this facility include:  a) any emission units or activities not covered by the applicable air general permit (with the exception units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) o 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?		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 o	only one question)
Allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices?	Yes	⊠No
<ul><li>a) maintain the authorized facility in good condition?</li><li>b) ensure that the facility maintains its eligibility to use the air general permit and complies with all</li></ul>		□No
terms and conditions of the air general permit?		□No
permit and Department rules?	- X Yes	□No
<ul> <li>RELOCATABLE PLANT</li> <li>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.)</li> <li>2. For a relocated NMMP plants:</li> </ul>	(check 🗹 box for each o	only one question)
<ul> <li>2. For a relocated NMMP plant:</li> <li>a) did the owner or operator notify the appropriate Department or Local Air Program by telephone,</li> <li>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(6 to the Department or Local Air Program no later than five business days following relocation?</li> </ul>	5)]	□No
3. If the relocatable NMMP plant was co-located at a facility with a separate air construction or air opera 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?  If YES, what was the purpose?  {Note: crushing recycled asphalt pavement (rap) at an asphalt plant is considered routine and so therefore must be authorized in the facility's air construction or operation permit.}  b) were records kept by the owner/operator to indicate how long it was co-located at the permitted facility?	<u></u>	No

<ul> <li>CHANGES</li> <li>Administrative Changes:</li> <li>Were there any changes in the name, address, or phone nu associated with a change in ownership or with a physical roperations comprising the facility; or any other similar mi</li> <li>If YES, did the facility provide written notification within</li> </ul>	relocation of the facility or any emissions units or nor 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? b) Alterations to existing process equipment without replace (c) Replacement of existing equipment with equipment that d) A change in ownership?	Yes acement? Yes at is substantially different? Yes engistration form and the appropriate fee submitted	□No □No □No □No
MARUFUL MALIK Inspector's Name (Please Print)	Date of Inspection	
Inspector's Signature	O1/27/2012  Approximate Date of Next Inspection	

**COMMENTS:** On January 27, 2011 I visited this facility to conduct the annual compliance inspection. On site I met Mr. Andy Penfield, the Supervisor of operation of the facility. Facility has two portable crushers. They are both METSO Portable Crushers; one a Model Lokotrack LT 1110, Serial # 20370046 and the other a Model Lokotrack LT 1213, Serial # 20360418. According to Mr.Penfield, there are no other Crusher on site at this moment, and the existing two Crushers only engage in crushing rocks. The facility was not crushing rocks at the time of my inspection. No visible emissions were observed. Stephanie Brooks, Brooks and Associates, conducted the visible emissions tests on December 28, 2010.