

(check \square only one box for each question) \sqrt{TS}

ERAL PROCESSING



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2)				
AIRS ID#: 7775594 DATE: <u>9/16/2011</u> ARRIVE: <u>11:35 AM</u> DEPART:	12:10 PM			
FACILITY NAME: CONCRETE STRUCTURES INC PLANT SITE				
FACILITY LOCATION: 11200 NW 58TH TERRACE				
DORAL 33178-2824				
OWNER/AUTHORIZED REPRESENTATIVE: CHARLES MUNZ Email: CONTACT NAME: CHARLES MUNZ Email: ENTITLEMENT PERIOD: 6/14/2009 / 6/14/2014 (effective date) (end date) PHONE: (305)247-3220 PHONE: (305)247-3220 Mobile: (305)345-2650	6 6			
Facility Section PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box) ☑ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPLIANCE				
PART II: ONSITE INTRODUCTORY MEETING	(check 🗹 only one			
1. Name(s) of facility representative(s):	box for each question)			
Brief Notes:				
2. Is the Authorized Representative still CHARLES MUNZ?	⊠ Yes □No			
If different, did the facility provide an administrative update within 30 days? 3. Is the facility contact still CHARLES MUNZ? If no, who is?:	☐ Yes ☐No ☐ Yes ☐No			
4. Will facility be conducting VE test(s) during today's inspection?	☐ Yes			

Emissions Unit Section 1 –NMMP Plant-crusherw/griz.fdr/deckscrn/convey/diesel/325T/hr

		(check 🗹	only one
	b	ox for each	question)
<u>Is</u>	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, 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 S (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlor and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	y e, Gravel; Galt; ide, Kernite,	
2. 3.	Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill? ———————————————————————————————————	Yes Yes Yes Yes Yes	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.		
6. 7.	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 ☐ Yes ☐ Yes	□No □No □No
	equal to 9 megagrams/hour (10 tons/hour)?	Yes	□No

$\underline{1-NMMP\ Plant-crusherw/griz.fdr/deckscrn/convey/diesel/325T/hr}$

9.	Is the EU a wet screening operation or subsequent screening operation, bucket elevator or		
	belt conveyor in a production line that processes saturated material up to the first crusher,		
	grinding mill or storage bin in the production line?	☐ Yes	□No
	{Note: "wet screening operation" means a screening operation which removes unwanted material or		
	which separates marketable fines from the product by a washing process which is designed and operat	ed	
	at all times such that the product is saturated with water. "Saturated material" means mineral materia	l	
	with sufficient surface moisture such that particulate matter emissions are not generated from processi	ng	
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet	ted	
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
10	Is the EU a screening operation, bucket elevator or belt conveyor in the production line		
	downstream of wet mining operation that process saturated material up to the first crusher,		_
	grinding mill or storage bin in the production line?	☐ Yes	□No
	{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.}		
Ιf	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to		
	bpart OOO so skip the following questions and go directly to Question 24.		
	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
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		
	unswer to guestion 13 is 140 sup the johowing questions und go un'een to guestion 17		
14	Initial Tests:		
14	A. Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of		
14	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes	☐ No
14	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU? N/A b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	Yes	<u>□</u> No
14	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU? N/A 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	=
14	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU? N/A b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	Yes	<u>□</u> No
	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Yes Yes	□No □No
	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Yes Yes	□No □No
	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Yes Yes Yes	No No No
	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Yes Yes	□No □No
	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Yes Yes Yes	No No No
	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Yes Yes Yes	No No No
	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Yes Yes Yes Yes	NoNoNo
	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	NoNoNoNo
	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Yes Yes Yes Yes Yes Yes	NoNoNo

$\underline{1-NMMP\ Plant-crusherw/griz.fdr/deckscrn/convey/diesel/325T/hr}$

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

$\underline{1-NMMP\ Plant-crusherw/griz.fdr/deckscrn/convey/diesel/325T/hr}$

22. If the EU is a building enclosing an	y other regulated EUs	and all enclosed EUs are not			
individually in compliance with em	issions limits:				
a. Was an initial PM stack test perfor					
initial startup of the EU?			I/A	Yes Yes	☐ No
{A "vent" is any opening through wh	ich there is mechanicall	ly induced air flow for the			
purpose of exhausting from a building	g air carrying particular	te matter (PM) emissions from			
one or more affected EUs.}					
b. Was the EU found to be in complia	ance with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		Yes Yes	□No
c. Were initial fugitive emissions from	m non-vent building op	enings less than or equal to 7%	opacity?	Yes Yes	□No
23. Is a wet scrubber used to control en	niccione from the FII2			☐ Yes	□No
If yes, does the owner/operator maintain					NO
a. a device for the continuous measur	•	ass of the gas stream through th	0		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device n					□110
· · · · · · · · · · · · · · · · · · ·	•	manufacturer to be accurate wit	IIII +230		
pascals +1 inch water gauge pre and	ssure.}				
b. a device for the continuous measur	rement of the scrubbing	liquid flow rate to the wet some	hher and th	Α	
device has been calibrated on ar					□No
{Note: The monitoring device n				Lites	
of design scrubbing liquid flow		manufacturer to be accurate wit	IIII +3 /0		
of design serdoomig fiquid flow	rate.				
24. When was the last VE test conducte	ed by the owner/operat	tor for this EU?			
a. If EU is not subject to 40 CFR 60 s	subpart OOO, has the E	U been tested within the past 5	years?	☐ Yes	□No
b. If EU is subject to 40 CFR subpart	: 000:				
 has the EU been tested during 				Yes Yes	□No
ii. has the EU been tested yet wi	thin the current calenda	r year?		Yes Yes	□No
25 Was a VE test conducted by the au	way/an anatan fan thia w	uit duning this site visit?		□ Vas	□ No
25. Was a VE test conducted by the owna. Was the VE test conducted at a pro				☐ Yes☐ Yes	∐No □No
Rate:	ocess rate that is represe	mative of the normal rate?		☐ Tes	NO
b. Was the VE test conducted accord	ing to EDA Mothod 02			☐ Yes	□No
c. The VE test conducted accord					NO
d. Did the VE test demonstrate comp				☐ Yes	\square No
d. Did the VE test demonstrate comp	nance with the opacity	mmit? (See chart below)		L i es	∐No
26. Was a VE test conducted by the ins	pector for this unit du	ring this site visit?		Yes	□No
a. Was the VE test conducted at a pro	ocess rate that is represe	entative of the normal rate?		Yes	□No
Rate:	•				<u> </u>
b. Was the VE test conducted accord	ing to EPA Method 9? -			☐ Yes	□No
c. The VE test resulted in an opacity				_	_
d. Did the VE test demonstrate comp				☐ Yes	□No
-					
	VF Onac	itv Limits			
		ity Limits Subpart OOO EU	Subpart	OOO EU	
	EU not subject to	Subpart OOO EU	_	t OOO EU	ied.
	EU not subject to 40 CFR 60	Subpart OOO EU constructed, modified,	construc	cted, modif	
	EU not subject to	Subpart OOO EU constructed, modified, or reconstructed prior	construction or recon	cted, modif istructed oi	
Crusher with no canture system	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	construc	cted, modifi nstructed on 22/2008	
Crusher with no capture system All other affected EUs	EU not subject to 40 CFR 60	Subpart OOO EU constructed, modified, or reconstructed prior	construction or recon	cted, modif istructed oi	

Emissions Unit Section 2 –NMMP Plant-crusher grizzly feeder

		(check ☑	only one
	b	ox for each o	question)
<u>Is</u>	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granity Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Stone, Granity (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.)	g 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
	Is the EU located above ground (i.e., not in an underground mine)?	☐ Yes ☐ Yes	∐No □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.}		
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?	□ Vac	□No
6.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a	∐ Yes	□10
	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
υ.	equal to 9 megagrams/hour (10 tons/hour)?	Yes	□No

<u>2 –NMMP Plant-crusher grizzly feeder</u>

{Note: "wet screening operation" means a scre which separates marketable fines from the prod at all times such that the product is saturated with sufficient surface moisture such that partic of the material through screening operations, but		l ng	□No
{Note: Wet mining operation means a mining or any nonmetallic mineral from deposits existing mineral is saturated with water. "Saturated man moisture such that particulate matter emissions	as saturated material up to the first crusher, the?	Yes	□No
If answer to any of the six Questions 5 -10 above subpart OOO so skip the following questions and a left the answer to all of the six Questions 5-10 above 11. When was the EU last constructed, modified,	go directly to Question 24. e is "No" then continue to Question 11.		
	structed on or after 4/22/2008?	Yes	□No
If answer to Question 12 is "No" skip the following 13. Does the EU have a particulate matter capture Hoods, fans, dampers, etc.) to capture and If answer to Question 13 is "No" skip the following	re system (equipment including enclosures, transport particulate matter to a control device?	Yes	□No
c. Was an initial VE test performed on any fugit	e control device within 180 days of N/A with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? ive emissions (escaping capture system)? opacity?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No
purpose of exhausting from a building air	nits: ch vent control device within 180 days of	☐ Yes	☐ No
c. Was an initial VE test performed on fugitive of	with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? emissions from non-vent building openings? t building openings less than or equal to 7% opacity?	Yes Yes Yes	□No □No □No

<u>2 –NMMP Plant-crusher grizzly feeder</u>

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

<u>2 –NMMP Plant-crusher grizzly feeder</u>

22. If the EU is a building enclosing an	y other regulated EUs	and all enclosed EUs are not			
individually in compliance with em	issions limits:				
a. Was an initial PM stack test perform	rmed on each vent contr	ol device within 180 days of			
initial startup of the EU?		N	/A	☐ Yes	☐ No
$\{A \text{ "vent" is any opening through wh}\}$	ich there is mechanicall	ly induced air flow for the			
purpose of exhausting from a building					
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				T Yes	□No
č	<i>U</i> 1		1 ,	_	_
23.Is a wet scrubber used to control en	missions from the EU?			Yes	□No
If yes, does the owner/operator maint				_	_
a. a device for the continuous measu		oss of the gas stream through the	e		
scrubber and the device has bee					
instructions?				☐ Yes	□No
{Note: The monitoring device r					
pascals +1 inch water gauge pre	_	The second of th			
and	555410.)				
b. a device for the continuous measu	rement of the scrubbing	liquid flow rate to the wet scrul	hher and the	e	
device has been calibrated on a				Yes	□No
{Note: The monitoring device r					
of design scrubbing liquid flow	_	manufacturer to be accurate with	1111 1370		
or design serubbing fiquid from	rate. j				
24. When was the last VE test conduct	ed by the owner/oners	tor for this EU?			
a. If EU is not subject to 40 CFR 60			vearc?	☐ Yes	□No
b. If EU is subject to 40 CFR subpar		o been tested within the past 5	years:	1 cs	
i. has the EU been tested during		ndar vears?		☐ Yes	□No
ii. has the EU been tested yet w	ithin the current calenda	nuar years:		Yes	□No
n. has the Lo been tested yet w	tilli the current calcilda	ır year:		1 cs	
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 pro-				Yes	□No
Rate:	occas rate that is represe	mative of the normal rate.			
b. Was the VE test conducted accord	ling to EPA Method 9? -			☐ Yes	□No
c. The VE test resulted in an opacity	of % for the high	est six-minute average			
d. Did the VE test demonstrate comp	liance with the onacity	limit? (See chart below)		☐ Yes	□No
d. Did the VE test demonstrate comp	mance with the opacity	mint: (See chart below)			140
26. Was a VE test conducted by the ins	enector for this unit du	ring this site visit?		☐ Yes	□No
a. Was the VE test conducted by the <i>ins</i>				Yes	□No
Rate:	ocess rate that is represe	mative of the normal rate?			140
b. Was the VE test conducted accord	ling to EDA Mothod 02			□ Vos	□No
c. The VE test conducted accorded to the vector of the vec				Yes	□No
d. Did the VE test demonstrate comp				□ Vas	□ No
d. Did the VE test demonstrate comp	mance with the opacity.	innit? (See chart below)		Yes	□No
	VE Onac	ity Limits			
	EU not subject to	Subpart OOO EU	Subnart	OOO EU	
	_	_	_		المه!
	40 CFR 60	constructed, modified,		cted, modifi	
	Subpart OOO	or reconstructed prior		structed or	1 or
		to 4/22/2008	after 4/2	2/2008	
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
			I		

Emissions Unit Section 3 –NMMP Plant-crusher 2 deck screen

		(check 🗹	only one
	1	oox 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 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) 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.} 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, rulite; Yes Yes Yes	No No No
	air carrying particulate matter (PM) emissions from one or more affected EUs.}		
su	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
5.	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	☐ Yes	□No
6.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a		
7.	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	□No
	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	☐ Yes	□No
J.	equal to 9 megagrams/hour (10 tons/hour)?	Yes	□No

3 –NMMP Plant-crusher 2 deck screen

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

3 –NMMP Plant-crusher 2 deck screen

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

3 –NMMP Plant-crusher 2 deck screen

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi	ssions limits:				
a. Was an initial PM stack test perfor	med on each vent contro	ol device within 180 days of			
initial startup of the EU?		N	/A	☐ Yes	☐ No
{A "vent" is any opening through whi	ich there is mechanicall	y induced air flow for the			
purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}					
b. Was the EU found to be in complia	ance with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7%	opacity?	☐ Yes	□No
23. Is a wet scrubber used to control en	nissions from the EU?			☐ Yes	No
If yes, does the owner/operator mainta	ain and operate:				
 a. a device for the continuous measur 	ement of the pressure lo	oss of the gas stream through the	e		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m	nust be certified by the r	nanufacturer to be accurate witl	nin +250		
pascals +1 inch water gauge pre	ssure.}				
and					
b. a device for the continuous measur		•		e	_
device has been calibrated on an				☐ Yes	No
{Note: The monitoring device m	•	nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow	rate.}				
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					
i. has the EU been tested during				∐ Yes	∐No
ii. has the EU been tested yet wi	thin the current calenda	r year?		☐ Yes	∟No
25 Was a VE tast and are dead by the arm	/ 			□ V	□ Na
25. Was a VE test conducted by the <i>own</i>				∐ Yes	∐No
 a. Was the VE test conducted at a pro- Rate: 	cess rate that is represe	mative of the normal rate?		∐ Yes	∐No
b. Was the VE test conducted accord	ing to EDA Mothod 02			☐ Yes	□No
c. The VE test conducted according	of % for the high	act civ minuta avaraga		1 CS	140
d. Did the VE test demonstrate comp.	liance with the opacity	limit? (See chart below)		☐ Yes	□No
d. Did the VE test demonstrate comp.	nance with the opacity	mint: (See chart below)		1 cs	140
26. Was a VE test conducted by the ins	nector for this unit du	ing this site visit?		Yes	□No
a. Was the VE test conducted at a pro				Yes	□No
Rate:	ooss race that is represe				
b. Was the VE test conducted accord	ing to EPA Method 9? -			☐ Yes	□No
c. The VE test resulted in an opacity					
d. Did the VE test demonstrate comp				Yes	□No
1	1 ,	,		_	_
	VE Opac				
	EU not subject to	Subpart OOO EU	_	OOO EU	
	40 CFR 60	constructed, modified,		ted, modifi	
	Subpart OOO	or reconstructed prior	or recon	structed on	or
		to 4/22/2008	after 4/2	2/2008	
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
	= = / V	- = / •			

Emissions Unit Section 4 –NMMP Plant-conveyors(3),und.screen/clsd circuit/undercrusher

		(check ☑	only one
	b	ox for each	question)
 2. 	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granith 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 Chlor and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermical (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? ———————————————————————————————————	g Plants? y e, Gravel; Salt; ride, Kernite, ulite; Yes Yes	□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?	☐ Yes☐ Yes	□No □No
su If	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	☐ Yes	□No
	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	□No
	Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	Yes	□No
•	equal to 9 megagrams/hour (10 tons/hour)?	Yes	□No

$\underline{4-NMMP\ Plant-conveyors(3),\!und.screen/clsd\ circuit/undercrusher}$

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

$\underline{4-NMMP\ Plant-conveyors(3), und.screen/clsd\ circuit/undercrusher}$

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

$\underline{4-NMMP\ Plant-conveyors(3), und.screen/clsd\ circuit/undercrusher}$

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not		
individually in compliance with emi	ssions limits:			
 a. Was an initial PM stack test perfor 			_	
initial startup of the EU?			/A	Yes No
$\{A \text{ "vent" is any opening through whith}\}$				
purpose of exhausting from a building	g air carrying particulai	te matter (PM) emissions from		
one or more affected EUs.}			_	_
b. Was the EU found to be in complia				YesNo
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7%	opacity?	YesNo
23.Is a wet scrubber used to control en	nissions from the FII?			YesNo
If yes, does the owner/operator mainta				
a. a device for the continuous measur		oss of the gas stream through th	ρ	
scrubber and the device has been				
instructions?				Yes \tau\text{No}
{Note: The monitoring device m			_	
pascals +1 inch water gauge pre	•	nanaractarer to se accurate with	1111 1230	
and	554201			
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scru	bber and the	
device has been calibrated on an	annual basis in accorda	ance with manufacturer's instru	ctions?	YesNo
{Note: The monitoring device m	nust be certified by the r	nanufacturer to be accurate with	hin +5%	
of design scrubbing liquid flow	rate.}			
24. When was the last VE test conducte	2	· · · · · · · · · · · · · · · · · · ·		
a. If EU is not subject to 40 CFR 60 s		U been tested within the past 5	years? \square	YesNo
b. If EU is subject to 40 CFR subpart		. 1 9		x
i. has the EU been tested during				YesNo
ii. has the EU been tested yet wi	thin the current calenda	r year?		YesNo
25. Was a VE test conducted by the own	ner/operator for this m	nit during this site visit?		Yes \text{\tin}\\\ \text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\text{\texi}\text{\text{\text{\texi}\text{\text{\texit{\texit{\text{\texi}\text{\texi}\tint{\texit{\texi{\tex{\texi{\texi{\texi{\texi{\texi}\texi{\texi{\texi{\texi{\te
a. Was the VE test conducted at a pro				YesNo
Rate:	eess rate that is represe	manye of the normal rate.		
b. Was the VE test conducted accord	ing to EPA Method 9? -			Yes \tau\text{No}
c. The VE test resulted in an opacity			_	_
d. Did the VE test demonstrate comp				YesNo
			_	_
26. Was a VE test conducted by the ins				YesNo
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		YesNo
Rate:				
b. Was the VE test conducted accord			L	YesNo
c. The VE test resulted in an opacity				x, 🗆 x
d. Did the VE test demonstrate comp	nance with the opacity	limit? (See chart below)		YesNo
	VE Opac	ity Limits		
	EU not subject to	Subpart OOO EU	Subpart OO	
	40 CFR 60	constructed, modified,	constructed,	
	Subpart OOO	or reconstructed prior	or reconstru	
		to 4/22/2008	after 4/22/20	800
Crusher with no capture system	20%	15%		2%
All other affected EUs	20%	10%	7	%

Emissions Unit Section 5 –NMMP Plant-crusher RIC diesel engine, 340 hp

<u>Is</u>	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorit is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlos and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	y e, Gravel; Salt; ride, Kernite,	
1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	☐ Yes	□No
2.	Is the EU located above ground (i.e., not in an underground mine)?	☐ Yes	□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?	Yes	□No
4.	<u>Is the EU one of the following?</u>	Yes	□No
	crusher, grinding mill, bucket elevator, belt conveyor, bagging operation,		
	storage bin, enclosed truck loading station enclosed railcar loading station;		
	crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic		
	minerals embedded in recycled asphalt pavement or subsequent emissions unit up to,		
	but not including, the first storage silo or bin; screening operation (a device for separating material according to size by passing		
	undersize material through one or more mesh surfaces (screens) in series, and retaining		
	oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping		
	and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing		
	plant are not considered to be screening operations.)		
	building enclosing any of the above EUs if all enclosed EUs are not individually in		
	compliance with emissions limits. {A "vent" is any opening through		
	which there is mechanically induced air flow for the purpose of exhausting from a building		
	air carrying particulate matter (PM) emissions from one or more affected EUs.}		
su	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
5	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or		
٥.	subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process		
	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	☐ Yes	□No
6.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a		ا ۱۷
•	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	□No
7.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a	_	_
	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	Yes	□No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or	_	_
	equal to 9 megagrams/hour (10 tons/hour) ?	Yes Yes	□No

5 -NMMP Plant-crusher RIC diesel engine, 340 hp

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

5 -NMMP Plant-crusher RIC diesel engine, 340 hp

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

5 -NMMP Plant-crusher RIC diesel engine, 340 hp

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?		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. 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?		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		37	
device has been calibrated on an annual basis in accordance with manufacturer's instructions?	Ш	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:			
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	□No
Rate:	_		
b. Was the VE test conducted according to EPA Method 9?	Ш	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)	Ш	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:			
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

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
If no, where are uncommed emissions occurring?		
b) Use of water trucks equipped with spray bars to apply water or effective dust suppressant(s)	□ v ₋₂	□ N.
on a regular basis (to all stockpiles, roadways and work yards)? N/A c) Paving and maintaining roads and parking areas? N/A	∐ Yes □ Yes	∐ No □ No
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 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	L 100	☐ 1 1 0
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)? \[\Boxed N/A \]	Yes	□ No
b) If tested: ()% opacity. Were the visible emissions < 20% opacity? c) What caused the problem(s) (if known)?	☐ Yes	□No
c) what caused the problem(s) (ii known):		
CONFIRMATION OF GENERAL PERMIT ELIGIBILITY	(check 🗹	only one
1. Does this facility keep records to show that it does not have the potential to emit:	box for each o	
a) 10 tons per year or more of any hazardous air pollutant?		□No
b) 25 tons per year or more of any combination of hazardous air pollutants?		No
c) 100 tons per year or more of any other regulated air pollutant?	- U Yes	□No
2. Does this facility include:	2	
 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.)?	Yes	□No
ICVEC1t		
If YES, what non-exempt units or activities?		
	_	
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?		□No
If YES, what other general permit units or activities?		

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 Allowed the emission of air pollutants without the proper operation of all applicable air	(check 🗹 box for each	only one question)
pollution control devices?	Yes	□No
a) maintain the authorized facility in good condition?b) ensure that the facility maintains its eligibility to use the air general permit and complies with all		□No
terms and conditions of the air general permit? 3. Has the owner or operator allowed you, as the duly authorized representative of the Department, access		□No
to the facility at reasonable times to inspect and test and to determine compliance with the air general permit and Department rules?	- Yes	□No
RELOCATABLE PLANT 1. The facility: ☐ is stationary; ☐ is relocatable; or ☐ consists of both stationary and relocatable NMMP and/or concrete batching plants. (If only stationary, skip the following questions 2 and 3.)	(check 🗹 box for each	only one question)
 2. For a relocated NMMP plant: a) did the owner or operator notify the appropriate Department or Local Air Program by telephone, e-mail, fax, or written communication at least one business day prior to changing location? b) did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900(to the Department or Local Air Program no later than five business days following relocation? 	6)]	□No
3. If the relocatable NMMP plant was co-located at a facility with a separate air construction or air opera 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

CHANGES Administrative Changes:	(check ✓ box for each	•
 Were there any changes in the name, address, or phone n associated with a change in ownership or with a physical operations comprising the facility; or any other similar m If YES, did the facility provide written notification within 	relocation of the facility or any emissions units or ninor administrative change at the facility? Yes	□No □No
New or Modified Process Equipment or Change in Ownersh 3. Since the last registration form submittal has there been a) Installation of any new process equipment? b) Alterations to existing process equipment without rep c) Replacement of existing equipment with equipment th d) A change in ownership?	yes of the substantially different?	No No No No
FRANK DELGADO	9/16/2011	
Inspector's Name (Please Print)	Date of Inspection	
	9/2012	
Inspector's Signature	Approximate Date of Next Inspection	

COMMENTS: THE CRUSHER IS NOT ON SITE. MR. MUNZ TOLD ME THAT THE CRUSHER IS STORED AT HIS MAIN YARD LOCATED AT 48 N.E. 15 STREET, HOMESTEAD. THE CRUSHER HAS NOT BEEN USED IN THREE (3) MONTHS. I ADVISED HIM THAT NEXT TIME THE CRUSHER IS USED, HE NEEDS TO HAVE IT TESTED (VE) AND ALSO SUBMIT A RELOCATION NOTICE TO US.

REVIEWED

By Ray Gordon at 2:17 pm, Sep 30, 2011