

### **CONCRETE BATCHING PLANT**



### COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) 🛛 COMPLAINT/DISCOVERY (CI) 🗌					
RE-INSPECTION (FUI) ARMS COMPLAINT NO:					
AIRS ID#: 1270142 DATE: 10/20/2011 ARRIVE: 1:30 DEPART:	2:30				
FACILITY NAME: SEMINOLE PRECAST MFG INC-DEBARY					
FACILITY LOCATION: 331 BENSON JUNCTION RD					
DEBARY 32713					
OWNER/AUTHORIZED REPRESENTATIVE: Larry Swett  Email: LSwett@SeminolePrecast.com  CONTACT NAME: LAWRENCE SWETT  Email:  ENTITLEMENT PERIOD: 5/4/2008 / 5/4/2013 (effective date) (end date)  PHONE: (386)668-7745  Mobile:  PHONE: (386)668-7323  Mobile:					
Facility Section  PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box)  ☑ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPLIANCE					
D. DE M. ONGVER AVER ON GEORGE DAY A EXPENSION					
PART II: ONSITE INTRODUCTORY MEETING  1. Name(s) of facility representative(s): L Swett	(check <b>☑</b> only one box for each question)				
Brief Notes:  2. Is the Authorized Representative still L BALMER? If no, who is?: Larry Swett	☐ Yes   ⊠No				
If different, did the facility provide an administrative update within 30 days?  3. Is the facility contact still LAWRENCE SWETT?	☐ Yes ⊠No ⊠ Yes ☐No				
4. Will facility be conducting VE test(s) during today's inspection?					

## Emissions Unit Section 1 –CCB Plant #1-Silo #1 (cement) w/dust collector subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION	(check <b>☑</b> only one box for each question)
Date of last inspection: 12/12/2006     Did the emissions unit use reasonable precautions during the last inspection?  If not: a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity?  c. What caused the problem(s) (if known)?	Yes No
PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.  Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards	(check ☑ only one box for each question)
1. Does the owner/operator of the concrete batching plant take reasonable precautions to control un emissions by:	confined
<ul> <li>a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of paving and maintenance of roads, parking areas, stock piles, and yards?</li> <li>2) application of water or environmentally safe dust-suppressant chemicals when necessary</li> </ul>	
control emissions?	Yes No
owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter?	⊠ Yes □ No
particulate matter from stock piles?	Yes No
b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck	ek? ⊠ Yes □ No
2. If reasonable precautions <u>not</u> being taken:  a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity?	

# Emissions Unit Section 2 –CCB Plant #1-Silo #6 (cement) w/dust collector subject to Reasonable Precautions

PART I: <u>FILE REVIEW PRIOR TO INSPECTION</u>	•	only one ch question)
<ol> <li>Date of last inspection: 12/12/2006</li> <li>Did the emissions unit use reasonable precautions during the last inspection? If not: a. Did the inspector perform a general VE test (20% opacity)? b. If tested: ()% opacity. Were the visible emissions &lt; 20% opacity? c. What caused the problem(s) (if known)?</li> </ol>		☐ No ☐ No ☐ No
PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.		
Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles	<u>d</u>	only one ch question)
Does the owner/operator of the concrete batching plant take reasonable precautions emissions by:	s to control unconfined	
<ul> <li>a. Management of roads, parking areas, stock piles, and yards, which shall include</li> <li>1) paving and maintenance of roads, parking areas, stock piles, and yards?</li> <li>2) application of water or environmentally safe dust-suppressant chemicals was a suppressant chemicals.</li> </ul>	X Yes	☐ No
control emissions?	trol of the	☐ No
owner/operator to re-entrainment, and from building or work areas to reduce particulate matter?	ind entrainment of	☐ No
particulate matter from stock piles?	X Yes	☐ No
b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop po	vint to the truck? Yes	☐ No
2. If reasonable precautions <u>not</u> being taken:  a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity?  c. What caused the problem(s) (if known)?		☐ No ☐ No

# Emissions Unit Section 3 -CCB Plant #1-Silo #2 (fly-ash) w/dust collector subject to Reasonable Precautions

PA	ART I: FILE REVIEW PRIOR TO INSPECTION	(check 🗹 box for each	only one question)
2.	Date of last inspection: 12/12/2006  Did the emissions unit use reasonable precautions during the last inspection?  If not: a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity? N/A  c. What caused the problem(s) (if known)?	Yes	No No No No
PA	ART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.	(check 🗹	only one
Un	nconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Onveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards	box for each	•
1.	Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfidenissions by:	ined	
	<ul> <li>a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the</li> <li>1) paving and maintenance of roads, parking areas, stock piles, and yards?</li> <li>2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions?</li> </ul>	X Yes	<ul><li>□ No</li><li>□ No</li></ul>
	3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter?		□ No
	b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck?		□ No
2.	If reasonable precautions <u>not</u> being taken:  a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity?  c. What caused the problem(s) (if known)?		☐ No ☐ No

# Emissions Unit Section 4 -CCB Plant #1-weigh hopper & pan mixer subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION	(check ☑ only one box for each question)
Date of last inspection: 12/12/2006     Did the emissions unit use reasonable precautions during the last inspection?  If not: a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity?   c. What caused the problem(s) (if known)?	Yes No
PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.	(check ✓ only one box for each question)
<u>Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards</u>	box for each question)
<ol> <li>Does the owner/operator of the concrete batching plant take reasonable precautions to control unco emissions by:</li> </ol>	onfined
a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of 1) paving and maintenance of roads, parking areas, stock piles, and yards?	
application of water or environmentally safe dust-suppressant chemicals when necessary t control emissions?     removal of particulate matter from roads and other paved areas under control of the	
owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter?	
4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment particulate matter from stock piles?	
b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck?	X Yes No
2. If reasonable precautions <u>not</u> being taken:  a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity?  c. What caused the problem(s) (if known)?	

## Emissions Unit Section 5 –CCB Plant #2-Silo #3 (cement) w/dust collector subject to Reasonable Precautions

5 – CCB Plant #2-Silo #3 (cement) w/dust collector subject to Reasonable Precautions				
PART I: FILE REVIEW PRIOR TO INSPECTION	(check 🗹 box for each o	only one question)		
Date of last inspection: 12/12/2006     Did the emissions unit use reasonable precautions during the last inspection?  If not: a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity? N/A  c. What caused the problem(s) (if known)?	Tyes	No No No		
PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.  (check only one box for each question)  Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards				
<ol> <li>Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfi emissions by:</li> </ol>	ned			
<ul> <li>a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the</li> <li>1) paving and maintenance of roads, parking areas, stock piles, and yards?</li></ul>		☐ No		
control emissions?	X Yes	☐ No		
owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter?	<del>_</del>	☐ No		
b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck?		□ No		
2. If reasonable precautions <u>not</u> being taken:  a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity?  c. What caused the problem(s) (if known)?	Yes	□ No □ No		

# Emissions Unit Section 6 -CCB Plant #2-Silo #5 (cement) w/dust collector subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION	(check <b>☑</b> box for each	•
Date of last inspection: 12/12/2006     Did the emissions unit use reasonable precautions during the last inspection?  If not: a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity? N/A  c. What caused the problem(s) (if known)?	- Yes	☐ No ☐ No ☐ No
PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.  Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and	(check ☑ box for each	only one question)
<ol> <li>Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards</li> <li>Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfinemissions by:         <ol> <li>Management of roads, parking areas, stock piles, and yards, which shall include one or more of the 1) paving and maintenance of roads, parking areas, stock piles, and yards?</li></ol></li></ol>	following: -   Yes  Yes  Yes	<ul><li>□ No</li><li>□ No</li><li>□ No</li><li>□ No</li></ul>
b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck?  2. If reasonable precautions <u>not</u> being taken:  a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity?  c. What caused the problem(s) (if known)?	- ⊠ Yes - □ Yes	☐ No ☐ No ☐ No ☐ No ☐ No

# Emissions Unit Section 7 –CCB Plant #2-Silo #4 (fly-ash) w/dust collector subject to Reasonable Precautions

	ART I: FILE REVIEW PRIOR TO INSPECTION	(check <b>☑</b> box for each	•
2.	Date of last inspection: 12/12/2006  Did the emissions unit use reasonable precautions during the last inspection?  If not: a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity? N/A  c. What caused the problem(s) (if known)?	Tyes	☐ No ☐ No ☐ No
PΛ	ART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.		
<u>Un</u>	aconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Onveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards	(check <b>b</b> ox for each	only one question)
	Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfidenissions by:	ined	
	<ul> <li>a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the</li> <li>1) paving and maintenance of roads, parking areas, stock piles, and yards?</li> <li>2) application of water or environmentally safe dust-suppressant chemicals when necessary to</li> </ul>		☐ No
	control emissions?	X Yes	☐ No
	owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter?	<u> </u>	☐ No
	particulate matter from stock piles?	X Yes	☐ No
	b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck?	X Yes	☐ No
	If reasonable precautions <u>not</u> being taken:  a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity?  c. What caused the problem(s) (if known)?		☐ No ☐ No

## Emissions Unit Section 8 -CCB Plant #2-concrete batcher subject to Reasonable Precautions

6 - CCB Hant #2-concrete batcher subject to Reasonable Hecautions		
PART I: FILE REVIEW PRIOR TO INSPECTION	(check <b>☑</b> box for each	only one question)
Date of last inspection: 12/12/2006     Did the emissions unit use reasonable precautions during the last inspection?	Yes	☐ No ☐ No ☐ No
PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.	*	only one
<u>Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards</u>	box for each	question)
<ol> <li>Does the owner/operator of the concrete batching plant take reasonable precautions to control unconf emissions by:</li> </ol>	ined	
<ul> <li>a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of th</li> <li>1) paving and maintenance of roads, parking areas, stock piles, and yards?</li> <li>2) application of water or environmentally safe dust-suppressant chemicals when necessary to</li> </ul>	X Yes	□ No
control emissions?		∐ No
4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles?	. —	
b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck?	X Yes	☐ No
2. If reasonable precautions <u>not</u> being taken:  a. Did the inspector perform a general VE test (20% opacity)?  b. If tested: ()% opacity. Were the visible emissions < 20% opacity?  c. What caused the problem(s) (if known)?		□ No □ No

### **Facility Section (continued)**

ĺ	CONFIRMATION OF GENERAL PERMIT ELIGIBILITY			
	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?	$\boxtimes$	Yes	<ul><li> No</li><li> No</li><li> No</li><li> No</li></ul>
	2. Does this facility include:  a. Any emission units or activities not covered by the applicable air general permit (with the exception of units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) or Rule 62-4.040, F.A.C.)?  If YES, what non-exempt units or activities?		Yes	⊠ No
	b. Any emissions units or activities authorized by another air general permit where such other air general permit and this general permit specifically allow the use of one another at the same facility?		Yes	⊠ 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? b. 23,000 gallons of gasoline? c. 44 million standard cubic feet on natural gas? d. 1.3 million gallons of propane? e. Or an equivalent prorated amount if multiple fuels are used onsite (use equation below)?		Yes Yes Yes	<ul><li> No</li><li> No</li><li> No</li><li> No</li><li> No</li><li> No</li><li> No</li></ul>
	gal diesel/yr + gal gasoline/yr + MM SCF nat. gas/yr + MM gal propare 275,000 gal diesel/yr 23,000 gal gasoline/yr 44 MM SCF nat. gas/yr 1.3 MM gal propane		<u>· ≤ 1.00</u> °	?
	4. Has the owner/operator maintained, available for inspection, site-wide records of monthly fuel consumption for each consecutive 12-period for the past 5 years?	otion	Yes	☐ No
<u>ار</u> در				
	GENERAL CONDITIONS			
	Has the owner or operator allowed the circumvention of any air pollution control device, or allowed the emission of air pollutants without the proper operation of all applicable air pollution control			
	devices?	- 🗌	Yes	⊠ No
	a. Maintain the authorized facility in good condition?	$\boxtimes$	Yes	☐ No
	b. Ensure that the facility maintains its eligibility to use the air general permit and complies with all terms and conditions of the air general permit?	$\boxtimes$	Yes	☐ No
	3. Has the owner or operator allowed you, as the duly authorized representative of the Department, access to the facility at reasonable times to inspect and test and to determine compliance with the air general permit and Department rules?			□ No
Ш				

RELOCATABLE PLANT:		(check ☑	•
1. Is the facility: stationary ⊠; relocatable □; or consisting of both concrete batching and/or nonmetallic mineral processing plants? (		box for each ag question 2.)	question)
2. Is the relocatable concrete batching plant used to mix cement and soil for onsite soil augmentation or stabilization?		Yes	☐ No
<ul> <li>a. Did the owner or operator notify the appropriate Department or         e-mail, fax, or written communication at least one business day         b. Did the owner or operator transmit a Facility Relocation Notificence.</li> </ul>	y prior to changing location?		☐ No
to the Department or Local Air Program no later than five busing. Did the owner or operator transmit a Facility Relocation Notific	ness days following a relocation?	- Yes	☐ No
to the appropriate Department or Local Air Program at least fiv			☐ No
3. If the relocatable plant was co-located at a facility with a separate and the relocatable batch plant is not included as an emissions una. Was the relocatable batch plant being used for a non-routine put	it in that separate permit:		☐ No
If YES, what was the purpose?  b. Were records kept by the owner/operator to indicate how long co-located at the permitted facility?			□ No
If YES, were any periods more than 6 months in duration? -		Yes	□ No
CHANGES		(check <b>☑</b> box for each	
Administrative Changes:  1. Were there any changes in the name, address, or phone number or	f the facility or authorized represent		question)
associated with a change in ownership or with a physical relocation operations comprising the facility; or any other similar minor adm 2. If YES, did the facility provide written notification within 30 day New or Modified Process Equipment or Change in Ownership:	on of the facility or any emissions uninistrative change at the facility?	nits or 	⊠ No □ No
3. Since the last registration form submittal has there been			N
a. Installation of any new process equipment?      b. Alterations to existing process equipment without replacement c. Replacement of existing equipment with equipment that is sub d. A change in ownership?	?stantially different?		<ul><li>⋈ No</li><li>⋈ No</li><li>⋈ No</li><li>⋈ No</li></ul>
4. If the answer to any question 3a. – d. is YES, was a new registrat 30 days prior to the change?	ion form and the appropriate fee sul	omitted 	☐ No
John Vigliotti	11/07/2011		
Inspector's Name (Please Print)	Date of Inspection		
	11/2016		
	Approximate Date of Next In		

**COMMENTS:** Florida Department of Environmental Protection ("Department") representative John Vigliotti, Engineering Specialists, met with Mr. Larry Swett, Plant representative, of Seminole Precast MFG, Inc.-Debary (Company") at its facility located at 331 Benson Junction Rd., Debary, 32713. Mr. Vigliotti explained that the Department is conducting a baseline inspection and providing compliance assistance. The facility has been subject to the following rules: Method 9 V.E. testing Rule No. 62-296.413(2), F.A.C.;(thirty Min.), with a minuimum Silo Rate of 25 Tons/Hr. During Loading. Rule 62-210.300(3) F.A.C. (Rolling 12- Month fuel consumption, 5 years total). Rule 62-296.414(2) F.A.C. (Unconfined Field Emissions).

The last V.E. was conducted on 12/12/2006. The Precast MNFG, Concrete Batching Facility utilizes cement, flyash, slag and aggregate materials to produce ready-mix concrete. Dust emissions generated during the filling of the plant's silos or loading of

concrete mixer trucks are controlled by dust collectors. The facility was found to be in compliance based on quantities and test reports received. Please see project file folder.