



**Florida Department of  
Environmental Protection  
Inspection Checklist**

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**FACILITY INFORMATION:**

**Facility Name:** CEMEX CONSTRUCTION MATERIALS FLORIDA, LLC  
**On-Site Inspection Start Date:** 05/15/2017  
**On-Site Inspection End Date:** 05/15/2017  
**WACS No.:** 59293  
**Facility Street Address:** 1200 NW 137 AVE  
**City:** MIAMI  
**County Name:** MIAMI-DADE  
**Zip:** 33182

**INSPECTION PARTICIPANTS:**

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Ryan S. Briggie, Inspector

Other Participants: Charles Walz,

**INSPECTION TYPE:**

Routine Operation Inspection for WPF - Waste To Energy Facility

**ATTACHMENTS TO THE INSPECTION CHECK LIST:**

This Cover Page to the Inspection Checklist may include any or all of the following attachments as appropriate.

1.0 - SECTION 1.0 - FILE REVIEW

12.0 - SECTION 12.0 - WTE FACILITIES

Inspection Date: 05/15/2017

**1.0 - SECTION 1.0 - FILE REVIEW****Requirements:**

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

Item No.	FILE REVIEW (Pre- or Post-Inspection, as appropriate.)	Ok	Not Ok	Unk	N/A
1.1	For landfills and C&D disposal facilities, does the facility have a current plan for the method and sequence of filling wastes? 62-701.500(2)(f) for landfills; 62-701.730(7)(a) for C&D debris sites				✓
1.2	For landfills, are the following records being reported to the Department?(Check any that are Not OK) <input type="checkbox"/> Waste reports (annually) 62-701.500(4) <input type="checkbox"/> Annual estimate of remaining life 62-701.500(13)(c)				✓
1.3	Is gas monitoring being performed as required by the permit? 62-701.500(9), 62-701.530(2)				✓
1.4	Are the results of the gas sampling reported to the Department quarterly? 62-701.530(2)(c)				✓
1.5	Is water quality sampling and testing performed according to standard procedures and at the required frequencies? 62-701.510(2) for landfills; 62-701.730(8) and 62-701.730(10) for C&D debris sites; 62-713.400(3) for stationary soil treatment facilities.				✓
1.6	Do the results of the water quality testing suggest there may be adverse impacts to water quality from the operation of the solid waste facility? 62-701.510(3) and (4); 62-701.730(4)(c) and (10) for C&D debris sites; 62-713.400(3) for stationary soil treatment facilities.				✓
1.7	For closed landfills and C&D disposal facilities with final elevations higher than 20 feet above grade, has a final survey report verifying the final elevations and contours of the facility been submitted to the Department? 62-701.600(6)(b), 62-701.730(9)(e)				✓
1.8	Is financial assurance adequate? 62-701.630 for landfills; 62-701.710(7)(a) and 62-701.710(1)(d)1. for waste processing facilities; 62-701.730(11)(a) for C&D debris facilities; 62-713.600(6)(a) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities. NOTE: The Solid Waste Financial Coordinator in Tallahassee can assist with this information.	✓			
1.9	Are cost estimates current and adjusted every year? 62-701.630(4) for landfills; 62-701.710(7)(a) and 62-701.710(1)(d)1. for waste processing facilities; 62-701.730(11)(a) for C&D debris facilities; 62-713.600(6)(b) and 62-713.600(6)(c) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities.	✓			
1.10	For C&D debris disposal and disposal with recycling facilities, is an Annual Report submitted to the Department for the disposal operation by February 1st of each year? 62-701.730(12)				✓
1.11	For C&D recycling facilities with no disposal, is an Annual Report for the recycling facility submitted to the Department by February 1st of each year? 62-701.710(8)(b)				✓
1.12	For compost facilities, has the compost product been sampled and analyzed every 20,000 tons or every 3 months (whichever is sooner)? 62-709.530(1)				✓
1.13	For compost facilities, has the annual report been submitted by June 1st? 62-709.530(3)				✓

Inspection Date: 05/15/2017

**12.0 - SECTION 12.0 - WTE FACILITIES****Requirements:**

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18))	Ok	Not Ok	Unk	N/A
12.1.1	Unauthorized storage, processing, or disposal of solid waste except as authorized at a permitted solid waste management facility or other exempt facility? 62-701.300(1)(a)	✓			
12.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)	✓			
12.2	Unauthorized storage or disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) <input type="checkbox"/> 100 feet from potable water wells (except on-site)? <input type="checkbox"/> 50 feet from water bodies?	✓			
12.3	Unauthorized disposal or storage prohibited in any natural or artificial body of water including ground water and wetlands? (Does not apply to standing water after a storm event.) 62-701.300(2)(d)	✓			
12.4	Unauthorized disposal or storage prohibited, except yard trash, within 200 feet of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(e)	✓			
12.5	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
12.6	Are the following unauthorized wastes or special wastes properly managed? (Check any that are Not OK) <input type="checkbox"/> Lead-acid batteries, mercury-containing switches and lamps in WTEs 62-701.300(9) <input type="checkbox"/> CCA treated wood 62-701.300(14)	✓			
Item No.	WTE FACILITY OPERATION AND MAINTENANCE	Ok	Not Ok	Unk	N/A
12.7	WTE facility in compliance with all permit conditions, site certification conditions, Department order, or certification, if any, and applicable requirements? 62-701.320(1), 403.161, F.S.	✓			

**COMMENTS:**

I arrived onsite to conduct an inspection. The site has a permit to use biomass, waste tires, and tire fluff as a fuel source for the cement plant. I was told by Mr. Walz that the site is currently only using tire fluff and plans to keep it that way for an undetermined amount of time. The tire fluff is stored inside a building with a berm or in trailers. The tire fluff stored in trailers is loaded directly into the plant and the fluff in the building is transported to a different building before it is loaded into the plant. I observed all tire fluff properly stored. I did not observe any violations regarding the storage of the alternative fuel.

**ATTACHMENTS:**

Inspection Date: 05/15/2017

view of the tire fluff



AM11:58 MAY/15/2017

view of the tire fluff



PM12:03 MAY/15/2017

Inspection Date: 05/15/2017

**Signed:**

Ryan S. Briggie

**PRINCIPAL INSPECTOR NAME**

Inspector

**PRINCIPAL INSPECTOR TITLE****PRINCIPAL INSPECTOR SIGNATURE**

DEP

**ORGANIZATION**

05/15/2017

**DATE**

Charles Walz

**REPRESENTATIVE NAME**

NO SIGNATURE REQUIRED

**REPRESENTATIVE SIGNATURE**

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Not Ok" or areas of concern.

**Report Approvers:**

Approver: Patti B. Emad

Inspection Approval Date: 05/16/2017