



**Florida Department of
Environmental Protection
Inspection Checklist**

FACILITY INFORMATION:

Facility Name: CEMEX CONSTRUCTION MATERIALS FLORIDA, LLC

On-Site Inspection Start Date: 10/08/2015

On-Site Inspection End Date: 10/08/2015

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. Briggles, Inspector

Other Participants: Francisco Teresa-Calleja, Inspector; Charles Walz, Environmental Manager

INSPECTION TYPE:

Routine Closure Inspection for WPF - Stationary Soil Treatment 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.

SECTION 1.0 - FILE REVIEW

SECTION 11.0 - STATIONARY SOIL TREATMENT FACILITIES

Inspection Date: 10/08/2015

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.) Completed	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(4)(b) and (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)(d)				✓
1.8	Is financial assurance adequate? 62-701.630 for landfills; 62-701.710(7)(a) and (10)(a) 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)(b) and (10)(a) for waste processing facilities; 62-701.730(11)(b) and (c) for C&D debris facilities; 62-713.600(6)(b) and (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: 10/08/2015

SECTION 11.0 - STATIONARY SOIL TREATMENT 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)) Completed	Ok	Not Ok	Unk	N/A
11.1.1	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)	✓			
11.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)	✓			
11.2	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?	✓			
11.3	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)	✓			
11.4	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)	✓			
11.5	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
11.6	Are the following unauthorized wastes or special wastes properly managed? (Check any that are Not OK) <input type="checkbox"/> Hazardous waste 62-701.300(4) <input type="checkbox"/> PCB wastes 62-701.300(5) <input type="checkbox"/> Liquids 62-701.300(10) <input type="checkbox"/> CCA treated wood 62-701.300(14)	✓			

Item No.	STATIONARY SOIL TREATMENT FACILITIES OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
11.7	Are contaminated soils and treated soils that have not met the criteria for cleaned soil stored on an impervious surface and under cover designed to prevent rainfall from contacting the soil? 62-713.400(1)(e)	✓			
11.8	Is the facility operated to prevent or minimize the discharge of leachate or the mixing of leachate with stormwater? 62-713.400(1)(e)	✓			
11.9	Are groundwater wells intact and properly maintained? 62-701.510(2)(b), 62-713.400(3)	✓			
11.10	Is the operation plan for the facility substantially followed? 62-713.500(1) and (2) (Check any that are Not OK) <input type="checkbox"/> Adequate number of personnel on-site <input type="checkbox"/> Pretreatment and post-treatment testing of Rule 62-713.510 implemented <input type="checkbox"/> Each batch of contaminated soil stockpiled separately until pretreatment sampling and analyses are complete	✓			
11.11	Is the maximum quantity of untreated soil that can be managed at the facility not exceeded? 62-713.500(3)	✓			
11.12	Are all non-treatable materials screened from the contaminated soil properly disposed? 62-713.500(4)	✓			
11.13	Are the following operational records available on-site? 62-713.500(5) (Check any that are Not OK) <input type="checkbox"/> Tonnages of soils received on a per-job basis along with pretreatment analytical records <input type="checkbox"/> Daily operating logs <input type="checkbox"/> Blending records required in Rule 62-713.300(2)(f)	✓			

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Item No.	STATIONARY SOIL TREATMENT FACILITIES OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
11.13	<input type="checkbox"/> Soil testing records required on Form 62-713.900(3) <input type="checkbox"/> Results of any additional soil lab analyses required in Rules 62-713.510 and .520	✓			
11.14	Are the requirements for evaluation and use of treated soil followed? 62-713.520	✓			
11.15	Are all specific conditions in the permit, Department order, or certification, if any, being followed? 62-713.300(1)(b), 403.161, F.S.	✓			

COMMENTS:

10/09/2015

I arrived onsite to conduct a closure inspection of the Soil Treatment Facility (STF) located within the Cemex Plant. The site inspection was conducted in conjunction with Department Engineer Francisco Teresa-Calleja and facility representative Charles Walz. The site visit began with an inspection of the contaminated soil storage building. Mr. Walz indicated that the contaminated soils previously stored in this area (east side) were processed, and that the area was pressure cleaned and the wastewater generated from the pressure cleaning activities was hauled off site by a certified waste hauler. In addition, it was mentioned that copies of the receipts and photograph of the clean-up activities were submitted to the Department along with the site closure report. On the west side of the building, I observed 200 cubic yards of wood, 20 cubic yards of tire fluff, two screeners, and 150 cubic yards of dirt. Mr. Walz advised us the dirt was clean and came from the onsite quarries. I did not see any debris in the dirt or smell any petroleum odors. Mr. Walz said that the site intends to use the building to store the site's alternative fuel sources (tire fluff and biomass) in accordance with a local permit modification recently submitted.

From the storage building Mr. Walz took us to the petroleum contaminated soil (PCS) processing area. The equipment used to process the PCS was decommissioned. The decommissioning process included the removal of power from a kiln used to process the soil and the pressure cleaning and disconnection of indoor used oil storage tanks. Mr. Walz indicated that the facility doesn't have any future plans for the use of the oil tanks and kiln and will therefore remain on site until a decision is made. It was explained to Mr. Walz that the Department must be notified in writing prior to the reinstatement of said equipment as part of plant operations. Mr. Calleja concluded that the site clean-up activities for the STF comply with Rule 62-713.600, F.A.C. requirements and the FDEP permit may now be closed.

Photos taken but the file size was too big to upload into SWIFT. Photos available upon request.

Inspection Date: 10/08/2015

Signed:

Ryan S. Briggie

PRINCIPAL INSPECTOR NAME

Inspector

PRINCIPAL INSPECTOR TITLE**PRINCIPAL INSPECTOR SIGNATURE**

10/8/2015

DATE

Francisco Teresa-Calleja

INSPECTOR NAME

Inspector

INSPECTOR TITLE

NO SIGNATURE

INSPECTOR SIGNATURE

Charles Walz

REPRESENTATIVE NAME

Environmental Manager

REPRESENTATIVE TITLE

NO SIGNATURE

REPRESENTATIVE SIGNATURE**Supervisor: Patti B. Emad**

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.