



Florida Department of
Environmental Protection
Inspection Checklist

FACILITY INFORMATION:

Facility Name: CEMEX CONSTRUCTION MATERIALS FLORIDA, LLC

On-Site Inspection Start Date: 02/20/2015

On-Site Inspection End Date: 02/20/2015

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. Briggie, Inspector

Other Participants: Charles Walz, Environmental Manager

INSPECTION TYPE:

Routine Operation 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 9.0 - WASTE TIRE FACILITIES

SECTION 11.0 - STATIONARY SOIL TREATMENT FACILITIES

Inspection Date: 02/20/2015

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) ☐ Waste reports (annually) 62-701.500(4) ☐ 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: 02/20/2015

SECTION 9.0 - WASTE TIRE 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
9.1.1	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)	✓			
9.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)	✓			
9.2	Unauthorized storage or disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) ☐ 100 feet from potable water wells (except on-site)? ☐ 50 feet from water bodies?	✓			
9.3	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)	✓			
9.4	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)	✓			
9.5	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			

Item No.	WASTE TIRE FACILITY - GENERAL REQUIREMENTS FOR STORAGE Completed	Ok	Not Ok	Unk	N/A
9.6	If the facility accepts tires from the public, is a sign posted at the facility entrance stating operating hours, cost of disposal and site rules? 62-711.540(1)(a)				✓
9.7	Are operations involving the use of open flames conducted no closer than 25 feet of a waste tire pile? 62-711.540(1)(b)				✓
9.8	If the facility accepts tires from the public, is an attendant always present on site when the site is open for business? 62-711.540(1)(c)				✓
9.9	Are fire protection services assured through notification to local fire protection authorities? 62-711.540(1)(d)	✓			
9.10	Is an annual fire safety survey conducted? 62-711.540(1)(d)	✓			
9.11	Is a copy of the annual fire safety report made part of the next quarterly report? 62-711.540(1)(d)			✓	
9.12	Does the facility have an Emergency Preparedness Manual (EPM) on-site? 62-711.540(1)(e)	✓			
9.13	Does the EPM contain the following information? (Check all that are Not OK) ☐ Contact names and numbers 62-711.540(1)(e)1 ☐ List of emergency response equipment and locations on-site 62-711.540(1)(e)2 ☐ Procedures to be followed in the event of a fire 62-711.540(1)(e)3	✓			
9.14	Is the operator at the facility maintaining records of the quantity of waste tires received at the site, stored at the site, and shipped from the site? 62-711.540(1)(g) and 62-711.400(5)	✓			
9.15	If the operator of the site is not the owner of the property, has written authorization been obtained from the property owner to operate the facility? 62-711.540(1)(h)	✓			
9.16	Is adequate communications equipment available at the site? 62-711.540(1)(i)	✓			
9.17	Is the owner or operator providing for control of mosquitoes and rodents so as to protect the public health and welfare? 62-711.540(1)(j)	✓			

Item No.	WASTE TIRE FACILITY - STORAGE INDOORS Completed	Ok	Not Ok	Unk	N/A
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Item No.	WASTE TIRE FACILITY - STORAGE INDOORS Completed	Ok	Not Ok	Unk	N/A
9.18	Are waste tire piles more than 50 feet in width? 62-711.540(2)(a)				✓
9.19	Are waste tire piles along a wall more than 25 feet in width? 62-711.540(2)(a)				✓
9.20	Are widths of main aisles between piles less than 8 feet? 62-711.540(2)(b)				✓
9.21	Is there less than 3 feet of clearance between the top of storage to sprinkler detectors or roof structures? 62-711.540(2)(c)				✓
9.22	Is there less than 3 feet of clearance between waste tire piles and unit heaters, etc.? 62-711.540(2)(d)				✓
9.23	If waste tires are stored up to 15 feet high, do walls between adjacent warehouse areas and between manufacturing and warehouse areas have at least a four-hour fire rating? 62-711.540(2)(e)				✓
9.24	If waste tires are stored over 15 feet high, do walls between manufacturing and warehouse areas have a fire rating of not less than six hours and do steel columns have one-hour fireproofing? If the top of storage exceeds 20 feet in height, do columns and their connections with other structural members have two-hour fireproofing? 62-711.540(2)(f)				✓
9.25	Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(2)(h)				✓

Item No.	WASTE TIRE FACILITY - STORAGE OUTDOORS Completed	Ok	Not Ok	Unk	N/A
9.26	Is the waste tire site operated within 200 feet from a body of water? 62-711.540(3)(a)				✓
9.27	Does the waste tire pile have a width less than 50 feet? 62-711.540(3)(b)				✓
9.28	Does the waste tire pile have an area less than 10,000 sq. ft? 62-711.540(3)(b)				✓
9.29	Does the waste tire pile have a height less than 15 feet? 62-711.540(3)(b)				✓
9.30	Is there a 50 feet wide fire lane around the perimeter of the waste tire pile? 62-711.540(3)(c)				✓
9.31	Is there unobstructed access to the fire lane? 62-711.540(3)(c)				✓
9.32	Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(3)(d)				✓
9.33	Is the site kept free of grass, underbrush, and other potentially flammable vegetation? 62-711.540(3)(f)				✓
9.34	Is the site bermed or given other adequate protection to prevent liquid runoff from entering water bodies? 62-711.540(3)(e)				✓
9.35	Are residuals contained on-site and disposed of in a permitted solid waste management facility or properly recycled? 62-711.540(5)				✓
9.36	Does the waste tire site qualify for the exceptions to the technical and operational standards as allowed by rule? 62-711.540(6)				✓

Item No.	WASTE TIRE FACILITY - COLLECTION CENTER Completed	Ok	Not Ok	Unk	N/A
9.37	Are no more than 1,500 tires at the collection center at any one time? 62-711.550(1)(a)				✓
9.38	Are all waste tires, which are not used tires, removed from site yearly for recycling, processing, or disposal? 62-711.550(1)(b)				✓

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SECTION 11.0 - STATIONARY SOIL TREATMENT FACILITIES**Requirements:**

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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) ☐ 100 feet from potable water wells (except on-site)? ☐ 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) ☐ Hazardous waste 62-701.300(4) ☐ PCB wastes 62-701.300(5) ☐ Liquids 62-701.300(10) ☐ 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 ground water 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) ☐ Adequate number of personnel on-site ☐ Pretreatment and post-treatment testing of Rule 62-713.510 implemented ☐ 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) ☐ Tonnages of soils received on a per-job basis along with pretreatment analytical records ☐ Daily operating logs ☐ 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	☐ Soil testing records required on Form 62-713.900(3) ☐ 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:

02/23/2015

I arrived onsite to conduct an inspection. The site has a permit to use petroleum contaminated soil as a fuel source for the concrete plant. The site has not accepted any contaminated soil in several months. After checking in I was driven around the site by Charles Walz. Mr. Walz advised me that the site will no longer be using the contaminated soil as a fuel source. When we pulled up to the storage building I observed klinker, tire fluff, soil and biomass stored inside the building. I was told that the klinker was from the kiln. The klinker is crushed, mixed with gypsum, and used to make concrete. The 900 cubic yards of biomass and 60 cubic yards of tire fluff are used as an alternative fuel and are included in the site's county permit(SW-1808). Mr. Walz advised me that the soil in the building was not contaminated and was being used to separate the klinker from the biomass. A small amount of tire fluff was outside the building. Mr. Walz advised me that a loader would push it into the building by the end of the day. Before leaving I advised Mr. Walz that he needed to modify his county permit to store biomass and tire fluff inside the building.

ATTACHMENTS:

view of klinker



view of tire fluff



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view of biomass



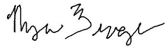
Inspection Date: 02/20/2015

Signed:

Ryan S. Briggie

PRINCIPAL INSPECTOR NAME

Inspector

PRINCIPAL INSPECTOR TITLE**PRINCIPAL INSPECTOR SIGNATURE**

2/20/2015

DATE

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.