

Florida Department of Environmental Protection

Inspection Checklist

FACILITY INFORMATION:

Facility Name: LEE COUNTY RESOURCE RECOVERY FACILITY

On-Site Inspection Start Date: 06/15/2010
On-Site Inspection End Date: 06/15/2010

WACS No.: 93715

Facility Street Address: 10500 BUCKINGHAM ROAD

City: FORT MYERS

County Name: LEE

Zip: 33913

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: James Standiford, Inspector

Other Participants: Teresa Zilko-Miller, Inspector; Randy Park; Tim LaMontagne, Supervisor; Bill Newman,

Manager; Laura Gray, P.E.

INSPECTION TYPE:

Routine Operation Inspection for Other Facilities - Yard Trash Processing Facility

Routine Operation Inspection for Other Facilities - Waste Tire Facility

Routine Operation Inspection for Other Facilities - Waste To Energy Facility

Routine Operation Inspection for Waste Processing -Transfer Station 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 4.0 - WASTE PROCESSING FACILITIES

SECTION 9.0 - WASTE TIRE FACILITIES

SECTION 10.0 - YARD TRASH PROCESSING FACILITIES

SECTION 12.0 - WTE FACILITIES

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				Y
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 leachate sampled, tested and disposed as required? 62-701.500(8)(a), 62-701.510(6)(c)				~
1.4	Is gas monitoring being performed as required by the permit? 62-701.500(9), 62-701.530(2)				~
1.5	Are the results of the gas sampling reported to the Department quarterly? 62-701.530(2)(c)				~
1.6	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.	>			
1.7	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.	>			
1.8	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)				٧
1.9	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.				٧
1.10	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.				٧
1.11	For C&D debris disposal and disposal with recycling facilities, is an Annual Report submitted to the Department for the disposal operation by April 1st of each year? 62-701.730(12)				~
1.12	For C&D recycling facilities with no disposal, is an Annual Report for the recycling facility submitted to the Department by April 1st of each year? 62-701.710(9)(b)				~
1.13	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)				~
1.14	For compost facilities, has the annual report been submitted by June 1st? 62-709.530(3)				~

SECTION 4.0 - WASTE PROCESSING 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
4.1.1	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)	>			
4.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)	>			
4.2	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?	~			
4.3	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)	V			
4.4	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)	~			
4.5	Unauthorized open burning of solid waste prohibited, except in accordance with Department requirements? 62-701.300(3)	>			
4.6					

Item No.	WASTE PROCESSING FACILITY OPERATION AND MAINTENANCE Completed Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have adequate ventilation? 62-701.710(3)(a)		Not Ok	Unk	N/A
4.7					
4.8	For areas not enclosed, is litter controlled and are litter control devices maintained? 62-701.710(3)(a)	~			
4.9	Is leachate collection and removal system maintained and operated as required? 62-701.710(3)(b)	~			
4.10	Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)	~			
4.11	Are the following records or plans current and available on-site? (Check any that are Not OK) Operation and Maintenance Manual 62-701.710(4)(a)1 Contingency Plan 62-701.710(4)(a)3 Operation records 62-701.710(9)(a)	>			
4.12	Is the Operation and Maintenance Manual substantially followed? 62-701.710(4)(a)1	>			
4.13	Are putrescible wastes stored no longer than 48 hours or as otherwise allowed in the Operation and Maintenance Plan? 62-701.710(4)(b)				>
4.14	Are areas where putrescible waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				>
4.15	Are the operating hours posted at the facility? 62-701.710(4)(c)1	>			
4.16	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1	~			
4.17	Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2	>			

Item No.	WASTE PROCESSING FACILITY OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
4.17		~			
4.18	Are unauthorized wastes removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2	~			
4.19	Is the facility operated to control objectionable odors? 62-701.710(4)(d)	~			
4.20	Is adequate fire protection equipment available and operational? 62-701.710(4)(e)	~			
4.21	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized solid waste? 62-701.710(4)(f)	~			
4.22	If the facility is a Transfer Station and is claiming the financial assurance exemption, does it manage the waste on a first-in, first-out basis and store waste for no greater than 7 days? 62-701.710(10)(a)	~			
4.23	Is stormwater effectively controlled? 62-701.710(8)	~			
4.24	Are all additional specific conditions (not otherwise addressed above) in the permit, Department order, or certification, if any, being followed? 62-701.320(1), 403.161, F.S.	~			

Item No.	WASTE PROCESSING FACILITY CLOSURE Completed	Ok	Not Ok	Unk	N/A
4.25	Has the solid waste or residue been properly disposed of within 30 days after receiving the final solid waste shipment? 62-701.710(6)(c)	>			
4.26	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)	>			

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		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.			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)	٧			
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
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)				~

Item No.	WASTE TIRE FACILITY - STORAGE INDOORS Completed	Ok	Not Ok	Unk	N/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)				٧
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 to15 feet in height, do walls have at least a 4- hour fire rating? 62-711.540(2)(e)				>
9.24	If waste tires are stored more than 15 feet in height, do walls have a fire rating of not less than 6 hours and columns one hour FR? If more than 20 feet, do columns and its connections with other structural members have two hour FR? 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)				~

Produces

Ok

Not

Ok

Unk

N/A

Inspection Date: 06/15/2010

TYPE OF FACILITY (check all that apply)

SECTION 10.0 - YARD TRASH PROCESSING FACILITIES

Requirements:

Item

No.

Completed

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Method of Composting

Yard Trash Tra	ansfer Station	✓ Windrow (turning equipment)	Mulch				
X Yard Trash Re	ecycling	Passive aerated windrows	Firewood				
Accepts veget	ative debris	Aerated static piles					
Accepts clean	wood	☐ In-vessel composting	Other				
	D WASTE PROHIE 00(18)) Completed	BITIONS (unless "grandfathered" in,	see 62-	Ok	Not Ok	Unk	N/A
		ing, or disposal of solid waste except as authorized ment facility or other exempt facility? 62-701.30		~			
	orized disposal or stora 2-701.300(2)(b)	ge prohibited, except yard trash, within 500 feet	of a potable water	~			
	Not OK) 62-701.300(12	sal of yard trash prohibited within the minimum s 2), & 62-709.320(3)(a), (b) & (c) ble water wells (except on-site)? bodies?	etbacks of (Check any	¥			
10.3 Unauth	orized disposal/storage	in a dewatered pit without liner or leachate conti	rols? 62-701.300(2)(c)	~			
	and wetlands? (This doe	ge prohibited in any natural or artificial body of w s not apply to standing water after a storm event		~			
artificia impoun	I body of water, including dments or conveyances	ge prohibited, except yard trash, within 200 feet g wetlands without permanent leachate controls which are part of an on-site, permitted stormwa with no off-site discharge? 62-701.300(2)(e), 62	, except ater management	V			
	orized open burning of sments? 62-701.300(3),	solid waste prohibited except in accordance with & 62-709.320(3)	n Department	~			
10.7 Are the OK) [[[[[[[[[[[[[[[[[[[Hazardous waste 6 Biomedical waste 6 Yard trash 62-701.3 Whole waste tires 6 Used oil and oily waste dead-acid batteries 701.300(9) PCB wastes 62-70 Lead-acid batteries White goods 62-70 Liquids 62-701.300 CCA treated wood NOTE: Rule 62-709 and removed imme	62-701.300(6) 300(8)(c) 62-701.300(8)(e) astes, except as exempted 62-701.300(11) , mercury-containing switches and lamps in WTI 1.300(5) 62-701.300(8)(a) 1.300(8)(d) (10)	Es 62- ontainerized	•			

YARD TRASH PROCESSING FACILITY OPERATION AND MAINTENANCE

Item No.	YARD TRASH PROCESSING FACILITY OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
10.8	Is there an effective barrier to prevent unauthorized entry and dumping into the facility site? 62-709.320(4)(a)1.	~			
10.9	Are dust control methods adequate? 62-709.320(4)(a)2.	~			
10.10	Are there fire protection and control methods to deal with accidental burning of solid waste? 62-709.320(4)(a)3.	~			
10.11	Is all weather access road, at least 20 feet wide, all around the perimeter of the site? 62-709.320(4)(a)3.a.	~			
10.12	Are interior lanes at least 15 feet wide? 62-709.320(4)(a)3.b.	~			
10.13	Is none of the processed or unprocessed material more than 50 feet from access by motorized firefighting equipment? 62-709.320(4)(a)3.c.	~			
10.14	Is facility operated in a manner to control vectors, and to control objectionable odors? 62-709.320(4)(b)	~			
10.15	Is yard trash received at the facility processed or removed within 6 months, or within the period required to receive 3,000 tons or 12,000 cubic yards, whichever is greatest? [Segregated logs must be processed or removed within 12 months.] 62-709.320(4)(c)	~			
10.16	Is processed material removed from the facility within 18 months, if not authorized under another Department solid waste management facility permit? 62-709.320(4)(d)	~			
10.17	Are only yard trash and bags used to collect yard trash accepted at the facility? 62-709.320(4)(e)	~			
10.18	Are unauthorized wastes containerized and putrescible materials removed within 48 hours? 62-709.320(4)(e)	~			

Item No.	YARD TRASH REGISTRATION Completed	Ok	Not Ok	Unk	N/A
10.19	Is the registration for the facility current and on file with the Department? 62-709.320(5)(b)				>
10.20	Are renewal applications for annual registration of the facility submitted to the Department by July 1st, if applicable? 62-709.320(5)(c)				~
10.21	Are monthly records of incoming and outgoing material kept on-site or at another location as indicated on the registration form for at least three years? 62-709.320(6)	~			
10.22	Are Annual Reports, based upon the preceding calendar year, summarizing monthly records, submitted to the Department as required? 62-709.320(6)	~			

SECTION 12.0 - WTE 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
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) 100 feet from potable water wells (except on-site)? 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) Lead-acid batteries, mercury-containing switches and lamps in WTEs 62-701.300(9) CCA treated wood 62-701.300(14)	¥			

Item No.	WTE FACILITY OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
	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:

06/23/2010

Lee County Transfer Station is currently accepting Class 3 waste and is performing limited sorting for metal recovarables.

The Yard Trash Processing by Bell Corp last occurred on 3/2010 and expected to return on 7/2010.

Waste Tire Processing Facility currently only receives whole OTR tires. Whole passenger vehicle tires are now being incinerated without processing.

This inspection covered the Waste-To-Energy facility operated by Coventa Energy, Lee County Yard Trash Processing, Waste Tire Processing, and Transfer Station Facilities. All Facilities operate under Power Siting Certification No. PA90-30. All Facilities were in Compliance at time of inspection.

ATTACHMENTS:

Waste Tire Facility 6-15-2010



Signed:

James Standiford	Inspector	
PRINCIPAL INSPECTOR NAME	PRINCIPAL INSPECTOR TITLE	
O AM		
/ p/ http		6/15/2010
PRINCIPAL INSPECTOR SIGNATURE	_	DATE
Teresa Zilko-Miller	Inspector	
INSPECTOR NAME	INSPECTOR TITLE	
NO SIGNATURE	FDEP	
INSPECTOR SIGNATURE	ORGANIZATION	
Randy Park		
REPRESENTATIVE NAME	<u> </u>	
NO SIGNATURE	Covanta Energy	
REPRESENTATIVE SIGNATURE	ORGANIZATION	<u> </u>
Tim LaMontagne	Supervisor	
REPRESENTATIVE NAME	REPRESENTATIVE TITLE	
NO SIGNATURE	Lee County Transfer Station	
REPRESENTATIVE SIGNATURE	ORGANIZATION	_
Bill Newman	Manager	
REPRESENTATIVE NAME	REPRESENTATIVE TITLE	_
NO SIGNATURE	Lee County Operations	
REPRESENTATIVE SIGNATURE	ORGANIZATION	
Laura Gray	P.E.	
REPRESENTATIVE NAME	REPRESENTATIVE TITLE	
NO SIGNATURE	Lee County	
REPRESENTATIVE SIGNATURE	ORGANIZATION	

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.