



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Facility Information:

Facility Name: LEE COUNTY RESOURCE RECOVERY FACILITY

On-Site Inspection Start Date: 09/17/2008

On-Site Inspection End Date: 09/17/2008

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: Teresa Zilko-Miller

Other Participants: Kristen Chardo

TYPE OF FACILITY:

Landfill:

C&D Facility:

Waste Processing Facility:

Other Facilities:

WTE Facility

TYPE OF INSPECTION:

Operation, Routine

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 2.0 - LANDFILL OPERATION AND MAINTENANCE

SECTION 4.0 - WASTE PROCESSING FACILITIES

SECTION 12.0 - WTE FACILITIES



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

SECTION 1.0 - FILE REVIEW

Requirements:

This section provides an opportunity for the department inspector to add a narrative explaining any requirements identified as "Not Ok" at the time of the inspection. Some requirements may be identified as "Ok" but are discussed further in the "areas of concern" portion of the narrative section.

Item No.	FILE REVIEW (Pre- or Post-Inspection, as appropriate.) Completed	Ok	Not Ok	Unk	N/A
1.1	For landfills, is the method and sequence of filling wastes according to plans? 62-701.500(2)(f)				✓
1.2	For landfills, are the following records being reported to the Department?(Check any that are Not OK.) <input type="checkbox"/> Waste reports (quarterly) 62-701.500(4) <input type="checkbox"/> 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)				✓
1.6	Is water quality sampling and testing performed according to standard procedures and at the required frequencies? See 62-701.510(2) for landfills; 62-701.730(4)(b) & (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) & (4)	✓			
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? 62-701.610(3) & 62-701.730(9)(c)				✓
1.9	Is financial assurance adequate? See 62-701.630 for landfills; 62-710(7)(a) & (10)(a) for WPFs; 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.				✓
1.10	Are cost estimates current and adjusted every year? See 62-701.630(4) for landfills; 62-701.710(7)(b) & (10)(a) for WPFs; 62-701.730(11)(b) for C&D debris facilities; 62-713.600(6)(b) & (c) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities.				✓
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 operation 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)				✓



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INSPECTION CHECKLIST

SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE

Requirements:

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Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16)) Completed	Ok	Not Ok	Unk	N/A
2.1	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)				✓
2.2	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)				✓
2.3	Unauthorized storage/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 for potable water wells (except on-site)? <input type="checkbox"/> 50 feet for water bodies? <input type="checkbox"/> 200 feet for community water supply wells?				✓
2.4	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)				✓
2.5	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)				✓
2.6	Unauthorized disposal/storage prohibited, except yard trash, within 200' 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)(f)				✓
2.7	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)				✓
2.8	Are the following prohibited wastes or special wastes properly controlled, managed and disposed? (Check any that are Not OK) <input type="checkbox"/> Hazardous waste 62-701.300(4) <input type="checkbox"/> Biomedical waste 62-701.300(6) <input type="checkbox"/> Yard trash 62-701.300(8)(c) <input type="checkbox"/> Whole waste tires 62-701.300(8)(e) <input type="checkbox"/> Used oil, except as exempted 62-701.300(11) <input type="checkbox"/> Lead-acid batteries, mercury-containing switches and lamps in WTEs 62- <input type="checkbox"/> PCB wastes 62-701.300(5) <input type="checkbox"/> Lead-acid batteries 62-701.300(8)(a) <input type="checkbox"/> White goods 62-701.300(8)(d) <input type="checkbox"/> Liquids 62-701.300(10)				✓
2.9	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				✓

Item No.	LANDFILL OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
2.10	Is there a trained operator on-site at Class I and III landfills when receiving wastes? 62-701.500(1)				✓
2.11	Is there at least one spotter at each working face when receiving wastes at Class I and III landfills? 62-701.500(1)				✓
2.12	Are the following records or plans current and available on-site? (Check any that are Not OK.) <input type="checkbox"/> Training Plan 62-701.320(15)(a) <input type="checkbox"/> Operating Plan 62-701.500(2) <input type="checkbox"/> Waste weight records 62-701.500(4) <input type="checkbox"/> Precipitation records 62-701.500(8)(g) <input type="checkbox"/> Load-checking program records 62-701.500(6)(a)				✓



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INSPECTION CHECKLIST

Item No.	LANDFILL OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
2.12	<input type="checkbox"/> Training records 62-701.320(15)(a) <input type="checkbox"/> Operation record 62-701.500(3) <input type="checkbox"/> Quantity of leachate 62-701.500(8)(f)				✓
2.13	Is the operation plan substantially followed? 62-701.500(2)				✓
2.14	Is incoming waste weighed? 62-701.500(4)(a)&(2)(d)				✓
2.15	Is the method and sequence of filling wastes according to plans? 62-701.500(2)(f)				✓
2.16	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				✓
2.17	Is waste compacted as required? 62-701.500(7)(a)				✓
2.18	Are the working face and side slopes above ground graded to a slope no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)				✓
2.19	Is a narrow working face practiced? 62-701.500(7)(d)				✓
2.20	Is the frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				✓
2.21	Is the frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				✓
2.22	Is litter controlled and are litter control devices maintained? 62-701.500(7)(i) and (11)(f)				✓
2.23	Is erosion control adequate? 62-701.500(7)(j)				✓
2.24	Is the leachate collection and removal system maintained and operated as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				✓
2.25	Is leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d)				✓
2.26	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				✓
2.27	Is gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				✓
2.28	Is gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				✓
2.29	Are gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				✓
2.30	Is mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				✓
2.31	Is stormwater management system maintained and operated as required? 62-701.500(10)				✓
2.32	Is there sufficient operating equipment? 62-701.500(11)(a)				✓
2.33	Is there sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				✓
2.34	Are communication facilities adequate? 62-701.500(11)(c)				✓
2.35	Are approved dust control methods adequate? 62-701.500(11)(d)				✓
2.36	Are fire protection and fire fighting capabilities adequate and operational? 62-701.500(11)(e)				✓
2.37	Are there required signs for operational directions and public information? 62-701.500(11)(g)				✓
2.38	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				✓
2.39	Are ground water wells intact and properly maintained? 62-701.510(2)(b), 62-701.620(9)				✓
2.40	Are all specific conditions in the permit being followed? 62-701.320(1)				✓



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SECTION 4.0 - WASTE PROCESSING FACILITIES

Requirements:

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Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16)) Completed	Ok	Not Ok	Unk	N/A
4.1	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	✓			
4.2	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	✓			
4.3	Unauthorized storage/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 for potable water wells (except on-site)? <input type="checkbox"/> 50 feet for water bodies? <input type="checkbox"/> 200 feet for community water supply wells?	✓			
4.4	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	✓			
4.5	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	✓			
4.6	Unauthorized disposal/storage prohibited, except yard trash, within 200' 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)(f)	✓			
4.7	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
4.8	Are the following prohibited wastes or special wastes properly managed? (Check any that are Not OK) <input type="checkbox"/> Hazardous waste 62-701.300(4) <input type="checkbox"/> Biomedical waste 62-701.300(6) <input type="checkbox"/> Yard trash 62-701.300(8)(c) <input type="checkbox"/> Whole waste tires 62-701.300(8)(e) <input type="checkbox"/> Used oil, except as exempted 62-701.300(11) <input type="checkbox"/> Lead-acid batteries, mercury-containing switches and lamps in WTEs 62-701.300(5) <input type="checkbox"/> PCB wastes 62-701.300(5) <input type="checkbox"/> Lead-acid batteries 62-701.300(8)(a) <input type="checkbox"/> White goods 62-701.300(8)(d) <input type="checkbox"/> Liquids 62-701.300(10)	✓			

Item No.	WASTE PROCESSING FACILITY OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
4.9	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)	✓			
4.10	For areas not enclosed, is litter controlled and are litter control devices maintained? 62-701.710(3)(a)	✓			
4.11	Is leachate collection and removal system maintained and operated as required? 62-701.710(3)(b)	✓			
4.12	Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)	✓			
4.13	Are the following records or plans current and available on-site? (Check any that are Not OK.) <input type="checkbox"/> Operation and Maintenance Manual 62-701.710(4)(a)1. <input type="checkbox"/> Contingency Plan 62-701.710(4)(a)3. <input type="checkbox"/> Operation records 62-701.710(9)(a)	✓			



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INSPECTION CHECKLIST

Item No.	WASTE PROCESSING FACILITY OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
4.14	Is the Operation and Maintenance Manual substantially followed? 62-701.710(4)(a)1.	✓			
4.15	Are putrescibles stored no longer than 48 hours or as otherwise allowed in the Operation and Maintenance Plan? 62-701.710(4)(b)	✓			
4.16	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)	✓			
4.17	Are the operating hours posted at the facility? 62-701.710(4)(c)1.	✓			
4.18	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.	✓			
4.19	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.	✓			
4.20	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.	✓			
4.21	Is the facility operated to control objectionable odors? 62-701.710(4)(d)	✓			
4.22	Is adequate fire protection equipment available and operational? 62-701.710(4)(e)	✓			
4.23	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)	✓			
4.24	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)	✓			
4.25	Is stormwater effectively controlled? 62-701.710(8)	✓			
4.26	Are all specific conditions in the permit being followed? 62-701.320(1)				✓

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



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SECTION 12.0 - WTE FACILITIES

Requirements:

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Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16)) Completed	Ok	Not Ok	Unk	N/A
12.1	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	✓			
12.2	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	✓			
12.3	Unauthorized storage/disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) & 62-709.320(3)(a), (b) & (c) <input type="checkbox"/> 100 feet for potable water wells (except on-site)? <input type="checkbox"/> 50 feet for water bodies? <input type="checkbox"/> 200 feet for community water supply wells?	✓			
12.4	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	✓			
12.5	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	✓			
12.6	Unauthorized disposal/storage prohibited, except yard trash, within 200' 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)(f)	✓			
12.7	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
12.8	Are the following prohibited wastes or special wastes properly managed? (Check any that are Not OK) <input type="checkbox"/> Hazardous waste 62-701.300(4) <input type="checkbox"/> Biomedical waste 62-701.300(6) <input type="checkbox"/> Yard trash 62-701.300(8)(c) <input type="checkbox"/> Whole waste tires 62-701.300(8)(e) <input type="checkbox"/> Used oil, except as exempted 62-701.300(11) <input type="checkbox"/> Lead-acid batteries, mercury-containing switches and lamps in WTEs 62-701.300(5) <input type="checkbox"/> PCB wastes 62-701.300(5) <input type="checkbox"/> Lead-acid batteries 62-701.300(8)(a) <input type="checkbox"/> White goods 62-701.300(8)(d) <input type="checkbox"/> Liquids 62-701.300(10)	✓			

Item No.	WTE FACILITY OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
12.9	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)	✓			



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Inspection Comments:

Comment Date: 09/22/2008

User: ZILKOMILLER_T

Description: The facility is operating under Power Plant Siting Certification No. PA90-30. As such, question 4.26 regarding operating under a Waste Processing Facility Permit does not apply.

This inspection covered the tipping shed and ash bunker of the Waste to Energy facility buildings only. The Waste Processing Facility checklist is for these areas inside the building housing the incinerator and operated by Covanta Energy. Inspections of the Lee County Waste Processing Facility, Waste Tire Processing Facility and Yard Trash Processing Facility are covered under separate report.

The facility was in compliance at the time of inspection.

Inspection Attachments:

Attachment Date: 09/22/2008

User: ZILKOMILLER_T

Description: View of tipping shed waste pit and claw in operation.



Signed:

FDEP

ORGANIZATION

Environmental Specialist

PRINCIPAL INSPECTOR TITLE

Teresa Zilko-Miller

PRINCIPAL INSPECTOR NAME

No signature required

PRINCIPAL INSPECTOR SIGNATURE

Covanta Energy

ORGANIZATION

Environmental Compliance Specialist

REPRESENTATIVE TITLE

Kristen Chardo

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.