

**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: Tim LaMontagne

**TYPE OF FACILITY:** 

Landfill: C&D Facility: Waste Processing Facility: Other Facilities:

Transfer Station Waste Tire Facility

Yard Trash Processing 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 4.0 - WASTE PROCESSING FACILITIES

SECTION 9.0 - WASTE TIRE FACILITIES

SECTION 10.0 - YARD TRASH PROCESSING FACILITIES



### **SECTION 1.0 - FILE REVIEW**

### Requirements:

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.)				
	Waste reports (quarterly) 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)				~
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.				V
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)				~



### **SECTION 4.0 - WASTE PROCESSING FACILITIES**

### Requirements:

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)  100 feet for potable water wells (except on-site)?  50 feet for water bodies?  200 feet for community water supply wells?	Ş			
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)  Hazardous waste 62-701.300(4) Biomedical waste 62-701.300(6) Yard trash 62-701.300(8)(c) Whole waste tires 62-701.300(8)(e) Used oil, except as exempted 62-701.300(11) Lead-acid batteries, mercury-containing switches and lamps in WTEs 62-PCB wastes 62-701.300(5) Lead-acid batteries 62-701.300(8)(a) White goods 62-701.300(8)(d) 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.)  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)	¥			



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)				~



### **SECTION 9.0 - WASTE TIRE FACILITIES**

### Requirements:

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16)) Completed	Ok	Not Ok	Unk	N/A
9.1	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	>			
9.2	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	~			
9.3	Unauthorized storage/disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12)  100 feet for potable water wells (except on-site)?  50 feet for water bodies?  200 feet for community water supply wells?	Ş			
9.4	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	>			
9.5	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	~			
9.6	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)	~			
9.7	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62 -701.300(3)	~			
9.8	Are the following prohibited wastes or special wastes properly managed? (Check any that are Not OK)    Hazardous waste 62-701.300(4)   Biomedical waste 62-701.300(6)   Yard trash 62-701.300(8)(c)   Whole waste tires 62-701.300(8)(e)   Used oil, except as exempted 62-701.300(11)   Lead-acid batteries, mercury-containing switches and lamps in WTEs 62-   PCB wastes 62-701.300(5)   Lead-acid batteries 62-701.300(8)(a)   White goods 62-701.300(8)(d)   Liquids 62-701.300(10)	~			

Item No.	WASTE TIRE FACILITY - GENERAL REQUIREMENTS FOR STORAGE Completed	Ok	Not Ok	Unk	N/A
9.9	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)	~			
9.10	Are operations involving the use of open flames conducted no closer than 25 feet of a waste tire pile? 62-711.540(1)(b)	~			
9.11	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)	~			
9.12	Are fire protection services assured through notification to local fire protection authorities? 62-711.540(1)(d)	~			
9.13	Is an annual fire safety survey conducted? 62-711.540(1)(d)				~
9.14	Is a copy of the annual fire safety report made part of the next quarterly report? 62-711.540(1)(d)				~
9.15	Does the facility have an Emergency Preparedness Manual (EPM) on-site? 62-711.540(1)(e)	>			



Item No.	WASTE TIRE FACILITY - GENERAL REQUIREMENTS FOR STORAGE Completed	Ok	Not Ok	Unk	N/A
9.16	Does the EPM contain the following information? (Check all that are Not OK.)				
	Contact names and numbers 62-711.540(1)(e)1.	94			
	List of emergency response equipment and locations on-site 62-711.540(1)(e)	~			
	Procedures to be followed in the event of a fire 62-711.540(1)(e)3.				
9.17	Is the operator at the facility maintaining records of the quantity of WT received at the site, stored at the site, and shipped from the site? 62-711.540(1)(g) and 62-711.400(5)	>			
9.18	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)	>			
9.19	Is adequate communications equipment available at the site? 62-711.540(1)(i)	~			
9.20	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)	>			
Itom	WASTE TIRE FACILITY - STORAGE INDOORS Completed	Ok	Not	Unk	N/A
Item No.	WASTE TIKE FACILITY - STOKAGE INDOORS COMpleted	OK	Ok	Ulik	IN/A
9.21	Are WT piles more than 50 feet in width? 62-711.540(2)(a)				~
9.22	Are WT piles along a wall more than 25 feet in width? 62-711.540(2)(a)				~
9.23	Are widths of main aisles between piles less than 8 feet? 62-711.540(2)(b)				~
9.24	Is there less than 3 feet of clearance between the top of storage to sprinkler detectors or roof structures? 62-711.540(2)(c)				~
9.25	Is there less than 3 feet of clearance between waste tire piles and unit heaters, etc.? 62-711.540(2)(c)				~
9.26	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)				>
9.27	If waste tires are stored >15 feet in height, do walls have a fire rating of not less than 6 hours and columns one hour FR? If > 20 feet, do columns and its connections with other structural members have two hour FR? 62-711.540(2)(f)				>
9.28	Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(2)(h)				~
Item	WASTE TIRE FACILITY - STORAGE OUTDOORS Completed	Ok	Not	Unk	N/A
No.	WASTE TINE LAGIELL - STONAGE OUTDOONS Completed	OK	Ok	Olik	14//
9.29	Is the waste tire site operated >200 feet from a body of water? 62-711.540(3)(a)	>			
9.30	Does the waste tire pile have a width < 50 feet? 62-711.540(3)(b)	>			
9.31	Does the waste tire pile have an area < 10,000 sq. ft? 62-711.540(3)(b)	~			
9.32	Does the waste tire pile have a height < 15 ft.? 62-711.540(3)(b)	~			
9.33	Is there a 50 ft. wide fire lane around the perimeter of the waste tire pile? 62-711.540(3)(c)	~			
9.34	Is there unobstructed access to the fire lane? 62-711.540(3)(c)	~			
9.35	Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(3)(d)	~			
9.36	Is the site kept free of grass, underbrush, and other potentially flammable vegetation? 62-711.540(3)(f)	>			
9.37	Is the site bermed or given other adequate protection to prevent liquid runoff from entering water bodies? 62-711.540(3)(e)	>			
9.38	Are residuals contained on-site and disposed of in a permitted SW management facility? 62-711.540(5)	٧			
9.39	Does the waste tire site qualify for the exceptions to the technical and operational standards as allowed by rule? 62-711.540(6)	<b>&gt;</b>			
ltom	WASTE TIPE EACH ITY COLLECTION CENTER Completed	Ok	Not	Unk	N/A
Item No.	WASTE TIRE FACILITY - COLLECTION CENTER Completed	Ok	Not Ok	UTIK	IN/A



Item No.	WASTE TIRE FACILITY - COLLECTION CENTER Completed	Ok	Not Ok	Unk	N/A
9.40	Are no more than 1500 tires at the CC at any one time? 62-711.550(1)(a)				~
9.41	Are all waste tires, which are not used tires, removed from site yearly for recycling, processing, or disposal? 62-711.550(1)(b)				>



### **SECTION 10.0 - YARD TRASH PROCESSING FACILITIES**

### Requirements:

TY	PE OF FACILITY (check all that apply)	Method of Composting	Produces				
	Yard Trash Transfer Station	☐ Windrow (turning equipment)	Mulch				
	Yard Trash Recycling	Passive aerated windrows	Firewood				
$\boxtimes$	Accepts vegetative debris	Aerated static piles					
	Accepts clean wood	☐ In-vessel composting	Other				
Item	SOLID WASTE PROHIBITIONS (	unless "grandfathered" in, see 62-701	.300(16))	Ok	Not	Unk	N/A
No.	Completed				Ok		
10.1	701.300(2)(b)	except yard trash, within 500' of a potable water		~			
10.2	community water system? 62-701.300(2)(h)			~			
10.3	Unauthorized storage/disposal of yard trash Not OK) 62-701.300(12) & 62-709.320(3)(	n prohibited within the minimum setbacks of (Cha), (b) & (c)	neck any that are				
	100 feet for potable water wells	(except on-site)?		~			
	50 feet for water bodies?						
	200 feet for community water so	upply wells?					
10.4	Unauthorized disposal/storage in a dewater	red pit without liner or leachate controls? 62-70	1.300(2)(c)	>			
10.5	Unauthorized disposal/storage prohibited in protection measures in place? 62-701.300(	an area subject to frequent and periodic floodi 2)(d) & 62-709.320(3)	ng unless flood	~			
10.6	Unauthorized disposal/storage prohibited in 701.300(2)(e) & 62-709.320(3)	any natural or artificial body of water including	ground water? 62-	~			
10.7		except yard trash, within 200' of any natural or a		0.0			
		nt leachate controls, except impoundments or c management system or on-site water bodies v 3)		~			
10.8		prohibited except in accordance with Departmen	nt requirements? 62	~			
10.9	Are the following prohibited wastes or spec	ial wastes properly managed? (Check any that	are Not OK)				
	Hazardous waste 62-701.300(4	·)					
	Biomedical waste 62-701.300(6	5)					
	Yard trash 62-701.300(8)(c)						
	Whole waste tires 62-701.300(8	B)(e)					
	Used oil, except as exempted 6	2-701.300(11)					
	Lead-acid batteries, mercury-co	ontaining switches and lamps in WTEs 62-		~			
	PCB wastes 62-701.300(5)						
	Lead-acid batteries 62-701.300	(8)(a)					
	White goods 62-701.300(8)(d)						
	Liquids 62-701.300(10)						
	NOTE: Rule 62-709.320(4)(e) r	equires the following materials be containerized	b				
Item		CILITY OPERATION AND MAINTEN	ANCE	Ok	Not	Unk	N/A
No.	Completed	thorized entry and dumping into the facility site	2.62	504	Ok		
10.10	709.320(4)(a)1.	monzed entry and dumping into the facility site	: UZ-	>			



Item No.	YARD TRASH PROCESSING FACILITY OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
10.11	Are dust control methods adequate? 62-709.320(4)(a)2.	~			
10.12	Are there fire protection and control methods to deal with accidental burning of solid waste? 62-709.320(4)(a)3.	V			
10.13	Is all weather access road, at least 20 feet wide, all around the perimeter of the site? 62-709.320(4)(a)3.a.	~			
10.14	Are interior lanes at least 15 feet wide? 62-709.320(4)(a)3.b.	~			
10.15	Is no part of the area that is occupied by processed or unprocessed material more than 50 feet from access by motorized fire fighting equipment? 62-709.320(4)(a)3.c.	V			
10.16	Is facility operated in a manner to control disease vectors, and to control objectionable odors? 62-709.320(4)(b)	~			
10.17	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)	~			
10.18	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)	~			
10.19	Are only yard trash and bags used to collect yard trash accepted at the facility? 62-709.320(4)(e)	~			
10.20	Are unauthorized wastes containerized and putrescible materials removed within 48 hours? 62-709.320(4)(e)			٧	

Item No.	'ARD TRASH REGISTRATION Completed		Not Ok	Unk	N/A
10.21	Is the registration for the facility current and on file with the Department? 62-709.320(5)(b)	>			
10.22	Are renewal applications for annual registration of the facility submitted to the Department by April 1st, if applicable? 62-709.320(5)(c)	>			
10.23	Are monthly records of incoming and outgoing material kept on-site or at another location as indicated in the registration form for at least three years? 62-709.320(6)	٧			
10.24	Are Annual Reports, based upon the preceding calendar year, summarizing monthly records, submitted to the Department as required? 62-709.320(6)	>			

### **Inspection Comments:**

Comment Date: 09/22/2008 User: ZILKOMILLER\_T

Description: This inspection covers the areas of the Waste to Energy site managed by Lee County Solid Waste,

including the Waste Processing Facility, Waste Tire Processing, and Yard Trash Processing.

The Waste Processing Facility is currently only accepting curbside pickup bulky waste, including larger forms of yard trash such as stumps, and was empty on the day of inspection. This facility

was in compliance at the time of inspection.

Modern Recycling was present processing tires on site, and the shearer for off-road tires (OTR) was photographed in operation. This facility was in compliance at the time of inspection.

10.20 - Metal was observed in the unprocessed yard trash pile. Please be sure that any

unauthorized waste accepted by the facility is containerized and removed.



### **Inspection Attachments:**

Attachment Date: 09/22/2008 User: ZILKOMILLER\_T

Description: OTR shearer



Attachment Date: 09/22/2008 User: ZILKOMILLER\_T

Description: OTR shearer



Attachment Date: 09/22/2008 User: ZILKOMILLER\_T

Description: Metal present in the unprocessed YT pile





User: ZILKOMILLER\_T

Attachment Date: 09/22/2008

Description: Closeup of metal in YT



### Signed:

FDEP	Lee County Solid Waste
ORGANIZATION	ORGANIZATION
Environmental Specialist	Transfer Station Supervisor
PRINCIPAL INSPECTOR TITLE	REPRESENTATIVE TITLE
Teresa Zilko-Miller	Tim LaMontagne
PRINCIPAL INSPECTOR NAME	REPRESENTATIVE NAME
No signature required	No signature required
PRINCIPAL INSPECTOR SIGNATURE	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.