

FACILITY INFORMATION:

Facility Name:SOUTHEAST COUNTY SLF (PICNIC LF)On-Site Inspection Start Date:05/24/2019

On-Site Inspection End Date: 05/24/2019

On-Site Inspection End Date: 05/ WACS No.: 41193

Facility Street Address: 15960 CR 672

City: LITHIA

County Name: HILLSBOROUGH

Zip: 33547

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Benjamin Hsu, Inspector

Other Participants: Melissa Madden, Inspector; Ernest Ely, Facility Representative; Ron Weisman, Facility Representative

INSPECTION TYPE:

Routine Operation Inspection for Landfill - Class I

Routine Operation Inspection for WPF - Waste Tire Processing Facility

ATTACHMENTS TO THE INSPECTION CHECKLIST:

This Cover Page to the Inspection Checklist may include any or all of the following attachments as appropriate.

Note: Checklist items with shaded boxes are for informational purposes only.

- 1.0 SECTION 1.0 FILE REVIEW
- 2.0 SECTION 2.0 LANDFILL OPERATION AND MAINTENANCE
- 9.0 SECTION 9.0 WASTE TIRE FACILITIES

Inspection Date: 05/24/2019

1.0 - 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.)	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(8) and 62-701.730(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)(e)				>
1.8	Is financial assurance adequate? 62-701.630 for landfills; 62-701.710(7)(a) and 62-701.710(1)(d)1. 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)(a) and 62-701.710(1)(d)1. for waste processing facilities; 62-701.730(11)(a) for C&D debris facilities; 62-713.600(6)(b) and 62-713.600(6)(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)				~

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2.0 - SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE

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.

ltem No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18))			Unk	N/A
2.1.1	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)				
2.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)				
2.2	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?	>			
2.3	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)	>			
2.4	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)	>			
2.5	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	>			
2.6	Are the following unauthorized wastes or special wastes properly controlled, managed and disposed? (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) Regulated asbestos waste 62-701.520(3), 62-701.730(19) Used oil and oily wastes, except as exempted 62-701.300(11) 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) CCA treated wood 62-701.300(14) Biological waste - Disposal of dead animals due to disease 62-701.520(5)(a) Biological waste - Disposal of captive wildlife, fish or marine mammals, and domestic animals that have not died due to disease 62-701.520(5)(c)	>			
2.7	Are only permitted waste types disposed at facility? 62-701.340(2), 62-701.500(6)(a), 62-701.500(2)(c)	>			
2.6.5	Recommended guidance for Item 2.6 above. Facility was provided a copy of the Department's Disposal of Deceased Domestic Animals Guidance Document dated November 9, 2018. (Note: The Guidance Document is to provide direction regarding the disposal of deceased domestic animals pursuant to Chapter 62-701.520(5), F.A.C. and Chapter 823.041, F.S.) Yes No N/A				

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Item No.	LANDFILL OPERATION AND MAINTENANCE	Ok	Not Ok	Unk	N/A
2.8	Is there a trained operator on-site at Class I and III landfills when receiving wastes? 62-701.500(1)	~			
2.9	Is there at least one trained spotter at each working face when receiving wastes at Class I and III landfills? 62-701.500(1)	~			
2.10	Are the following records or plans current and available on-site? (Check any that are Not OK) Training Plan 62-701.320(15)(a) Operating Plan 62-701.500(2)				
	 Waste weight records 62-701.500(4) Precipitation records 62-701.500(8)(g) Load-checking program records 62-701.500(6)(a) Training records 62-701.320(15)(a) Operation record 62-701.500(3) Quantity of leachate 62-701.500(8)(f) 	~			
2.11	Is the operation plan substantially followed? 62-701.500(2)	~			
2.12	Is incoming waste weighed? 62-701.500(4)(a) and 62-701.500(2)(d)	~			
2.13	Is the method and sequence of filling waste according to plans? 62-701.500(2)(f)	~			
2.14	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)	~			
2.15	Is waste compacted as required? 62-701.500(7)(a)				
2.16	Are the working face and side slopes above ground graded to a slope no greater than 3 feet horizontal to 1 foot vertical rise? 62-701.500(7)(c)				
2.17	Is a narrow working face practiced? 62-701.500(7)(d)	~			
2.18	Is the frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)	>			
2.19	Is the frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
2.20	Is litter controlled and are litter control devices maintained? 62-701.500(7)(i) and 62-701.500(11)(f)				
2.21	Is erosion control adequate? 62-701.500(7)(j)	~			
2.22	Is the leachate collection and removal system maintained and operated as required? 62-701.500(2)(j), 62-701.500(8)(b) and 62-701.500(8)(h)	~			
2.23	Is leachate disposed of or treated as required? 62-701.500(8)(b), 62-701.500(8)(c) and 62-701.500(8)(d)	~			
2.24	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				<
2.25	Is gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)	~			
2.26	Is gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)	~			
2.27	Are gas vents intact and functioning properly? 62-701.500(9), 62-701.530(1)(a)3	~			
2.28	Is mixing of leachate and stormwater prevented or minimized? 62-701.500(10), 62-701.400(9)(b)	~			
2.29	Is stormwater management system maintained and operated as required? 62-701.500(10)	~			
2.30	Is there sufficient operating equipment? 62-701.500(11)(a)	~			
2.31	Is there sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)	~			

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Item No.	LANDFILL OPERATION AND MAINTENANCE	Ok	Not Ok	Unk	N/A
·		~			
2.32	Are communication facilities adequate? 62-701.500(11)(c)	~			
2.33	Are approved dust control methods adequate? 62-701.500(11)(d)	~			
2.34	Are fire protection and fire fighting capabilities adequate and operational? 62-701.500(11)(e)	~			
2.35	Are there required signs for operational directions and public information? 62-701.500(11)(g)	~			
2.36	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)	~			
2.37	Are groundwater wells intact and properly maintained? 62-701.510(2)(b), 62-701.620(8)	~			
2.38	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.	~			

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9.0 - 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.

ltem No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18))	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)	~			
ltem No.	WASTE TIRE FACILITY - GENERAL REQUIREMENTS FOR STORAGE	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)	~			

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ltem No.	WASTE TIRE FACILITY - GENERAL REQUIREMENTS FOR STORAGE	Ok	Not Ok	Unk	N
		~			_
ltem No.	WASTE TIRE FACILITY - STORAGE INDOORS	Ok	Not Ok	Unk	N
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)				3
9.20	Are widths of main aisles between piles less than 8 feet? 62-711.540(2)(b)				33
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)				2
9.22	Is there less than 3 feet of clearance between waste tire piles and unit heaters, etc.? 62-711.540(2)(d)				3
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)				3
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)				-08
9.25	Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(2)(h)				43
ltem No.	WASTE TIRE FACILITY - STORAGE OUTDOORS	Ok	Not Ok	Unk	1
9.26	Is the waste tire site operated within 200 feet from a body of water? 62-711.540(3)(a)	~			ſ
9.27	Does the waste tire pile have a width less than 50 feet? 62-711.540(3)(b)	~			ſ
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)	>			ſ
9.30	Is there a 50 feet wide fire lane around the perimeter of the waste tire pile? 62-711.540(3)(c)	>			ſ
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)	>			ſ
9.33	Is the site kept free of grass, underbrush, and other potentially flammable vegetation? 62-711.540(3)(f)	>			ŀ
9.34	Is the site bermed or given other adequate protection to prevent liquid runoff from entering water bodies? 62-711.540(3)(e)	~			F
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)	~			┢
ltem No.	WASTE TIRE FACILITY - COLLECTION CENTER	Ok	Not Ok	Unk	١
9.37	Are no more than 1,500 tires at the collection center at any one time? 62-711.550(1)(a)				- 15
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)				

Pre-existing Areas Of Concern:

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Rule: 62-701.510(3), 62-701.510(4), 62-701.730(10), 62-701.730(8)(f), 62-713.400(3)

Question Number: 1.6

Explanation:

Consent Agreement OGC File No. 17-0058, executed 7/27/2017 (Agreement), remains active for this facility. The County conducts quarterly supplemental groundwater sampling for select parameters associated with the Agreement. The results continue to indicate that the ground water in this area is subject to seasonal variation where certain indicator parameters have not stabilized. The County requested in its 2018 Q4 supplemental groundwater sampling event report, received 2/15/2019, and its 2019 Q1 supplemental groundwater sampling event report, received 5/2/2019, to reduce supplemental groundwater monitoring frequency or terminate it altogether, respectively.

Additionally, surficial aquifer groundwater detection well TH-71A, located directly northwest of the Sections 7-9 Expansion Area, appears to have an upward exceedance trend in TDS and Chloride. The corrective actions associated with the stormwater management system in this area which were completed approximately 5 years ago may not be effective in resolving the occurances.

Corrective Action: Within 15 days of receipt of this inspection report, please contact the Department's Southwest District to arrange a meeting to discuss the items listed above and the stutus of the Corrective Action Plan associated with the above referenced Consent Agreement.

Attachments:

TH-67



COMMENTS:

1.8 / 1.9: The facility's most recent closure and long-term care cost estimate was received 11/9/2018 and approved on 2/12/2019. Per indication from the Financial Coordinator in Tallahassee, the facility appears in compliance with the corresponding financial assurance funding mechanisms.

2.8 / 2.9: Three facility staff members, two from Waste Management Inc. of Florida and one from Hillsborough County Public Works Solid Waste Management Division, were selected from working face operations for spotter and landfill operator training certification review; reviewed training certifications appeared in compliance.

2.10: The following documents not mentioned elsewhere in this comments section were reviewed on-site and appeared in compliance: incoming load random inspections for September 2018 through May 2019, asbestos disposal records from 2011 through 2018 and for the most recent event record for 9/22/2018

2.13: The active working face at the time of inspection was at Phase IV, Lifts 210 and 230.

2.22: Consent Agreement OGC File No. 17-0058 was executed on 7/27/2018 to address elevated leachate levels in Phases I-VI and potential discharges from the system. This Consent Agreement is currently ongoing.

An extension project for the leachate cut-off trench at the southeast corner of Phase II was underway at the time of inspection. The project was to extend the leachate cut-off trench further west to the the Phase I boundary. At the time of inspection, the trench extension had been already been excavated, installed with piping, and backfilled, awaiting restoration of vegetative cover.

A permanent pump station, PS-2, to service the leachate cut-off trench was under construction at the time of inspection. A temporary, mobile pump station was in use instead at the time of inspection.

9.10 / 9.11: Electronically kept records of a fire safety inspection performed 1/16/2019 were reviewed on-site during the inspection. This fire safety inspection report was previously submitted to the Department on 2/21/2019.

9.36: Waste Tire Permit Modification 126787-006-WT-MM was issued 3/27/2019. The facility plans to repurpose the current waste tire storage area as a biosolids composting area, which currently is located on the Section 7-9 Expansion Area. A new, smaller pad is planned to be built directly to the west of the current storage pad to accommodate existing waste tire operations. As the facility no longer shreds waste tires on-site and instead transports them to an other off-site facility for processing and disposal, the facility requested that the permit be modified to only allow for whole waste tire storage. At the time of inspection, the new waste storage pad had not yet been built and the existing storage pad held piles of only whole waste tires.

ATTACHMENTS:

Satellite Overview Of Facility



Pump Stations PS-B And PS-A



Working Face At Phase IV



Section 9 Pump Station



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Landfill Gas Flare



Compost Project On Sections 7-9

Temporary Ash Storage Project



Leachate Sump For Compost Project



Existing Waste Tire Facility Pad



Waste Tire Piles





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Effluent / Leachate Ponds A & B



Permanent PS-2 Under Construction

Leachate Cut-off Trench Extension



Temporary PS-2 In Use



Random Incoming Load Inspections



Annual Waste Tire Fire Inspection





Inspection Date: 05/24/2019

Signed:

Benjamin Hsu	Inspector	
PRINCIPAL INSPECTOR NAME	PRINCIPAL INSPECTOR TITLE	
Besturn M		
	<u>FDEP</u>	06/14/2019
PRINCIPAL INSPECTOR SIGNATURE	ORGANIZATION	DATE
Melissa Madden	Inspector	
INSPECTOR NAME	INSPECTOR TITLE	
NO SIGNATURE REQUIRED	FDEP	
INSPECTOR SIGNATURE	ORGANIZATION	
Ernest Ely	Facility Representative	
REPRESENTATIVE NAME	REPRESENTATIVE TITLE	
NO SIGNATURE REQUIRED	Waste Management Inc. of Florida	
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.

Ron Weisman	Facility Representative	
REPRESENTATIVE NAME	REPRESENTATIVE TITLE	_
NO SIGNATURE REQUIRED	Hillsborough County Solid Waste Management	
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.

Report Approvers:

 Approver:
 Steve
 Tafuni
 Inspection Approval Date:
 06/19/2019