



FLORIDA DEPARTMENT OF Environmental Protection

Southwest District Office
13051 North Telecom Parkway #101
Temple Terrace, Florida 33637-0926

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

December 23, 2019

Ken Wheeler, Director and County Engineer
Hardee County Public Works
205 Hanchey Road
Wauchula, FL 33873
Ken.Wheeler@hardeecounty.net

Re: Warning Letter #WL19-131SW25SWD
Hardee County Regional Landfill
685 Airport Road, Wauchula, FL 33873
WACS ID: 40612
Hardee County

Dear Mr. Wheeler:

A compliance inspection was conducted at your facility on December 3, 2019. During this inspection, possible violations of chapter 403, Florida Statutes, and chapter 62-701, Florida Administrative Code were observed.

During the inspection Department personnel noted the following:

- The current filling operations do not conform with the authorized sequence of fill.
- The initial cover on the southern portion of Phase II, Section II is inadequate and waste is exposed.
- The current litter policing methods are insufficient.
- The western side slope of Phase I is eroded.
- The leachate collection and removal system is not maintained and operated as required.
- The mixing of stormwater and leachate is not minimized or prevented.
- The asbestos waste shipment records were unavailable for review during the inspection.
- The annual fire safety survey was unavailable for review during the inspection.

Violations of Florida Statutes or administrative rules may result in liability for damages and restoration, and the judicial imposition of civil penalties, pursuant to sections 403.121, 403.141 and 403.161, Florida Statutes.

Please contact Steven Tafuni at 813-470-5792, within **7 days** of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in receiving any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Hardee County Regional Landfill
WACS ID: 40612
Warning Letter
Page 2 of 2

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with section 120.57(5), Florida Statutes. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,



Mary Yeargan, P.G.
Director
Southwest District
Florida Department of Environmental Protection

cc: Alexis Black, DEP Southwest District, Alexis.Black@floridadep.gov
Steven Tafuni, DEP Southwest District, Steven.Tafuni@floridadep.gov
Melissa Madden, DEP Southwest District, Melissa.Madden@floridadep.gov
Kelley Boatwright, DEP Southwest District, Kelley.Boatwright@floridadep.gov
Philip Ciaravella, DEP Waste Management, Philip.Ciaravella@floridadep.gov



**Florida Department of
Environmental Protection
Inspection Checklist**

FACILITY INFORMATION:

Facility Name: HARDEE COUNTY REGIONAL LANDFILL
On-site Inspection Start Date: 12/03/2019
On-site Inspection End Date: 12/03/2019
WACS No.: 40612
Facility Street Address: 685 AIRPORT ROAD
City: WAUCHULA
County Name: HARDEE
Zip: 33873

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Alexis R Black, Inspector

Other Participants: Melissa Madden, Senior Program Analyst; Ken Wheeler, Director and County Engineer; Troy Weiss, Operator;

INSPECTION TYPE:

Routine Operation Inspection for Landfill - Class I

Routine Operation Inspection for Other - Waste Tire Collection Center

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: 12/03/2019

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.)	Yes	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) <input type="checkbox"/> Waste reports (annually) 62-701.500(4) <input type="checkbox"/> 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)				✓

Inspection Date: 12/03/2019

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.

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18))	Yes	Not Ok	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) <input type="checkbox"/> 100 feet from potable water wells (except on-site)? <input type="checkbox"/> 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) <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 checked="" type="checkbox"/> Regulated asbestos waste 62-701.520(3), 62-701.730(19) <input type="checkbox"/> Used oil and oily wastes, except as exempted 62-701.300(11) <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) <input type="checkbox"/> CCA treated wood 62-701.300(14) <input type="checkbox"/> Biological waste - Disposal of dead animals due to disease 62-701.520(5)(a) <input type="checkbox"/> Biological waste - Disposal of dead poultry and hatchery residue 62-701.520(5)(b) <input type="checkbox"/> 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.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A				

HARDEE COUNTY REGIONAL LANDFILL

Inspection Date: 12/03/2019

Item No.	LANDFILL OPERATION AND MAINTENANCE	Yes	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) <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) <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)	✓			
2.11	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)	✓			
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-	✓			

Inspection Date: 12/03/2019

Item No.	LANDFILL OPERATION AND MAINTENANCE	Yes	Not Ok	Unk	N/A
	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.	✓			

HARDEE COUNTY REGIONAL LANDFILL

Inspection Date: 12/03/2019

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.

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18))	Yes	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) <input type="checkbox"/> 100 feet from potable water wells (except on-site)? <input type="checkbox"/> 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	Yes	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) <input type="checkbox"/> Contact names and numbers 62-711.540(1)(e)1 <input type="checkbox"/> List of emergency response equipment and locations on-site 62-711.540(1)(e)2 <input type="checkbox"/> 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)	✓			

HARDEE COUNTY REGIONAL LANDFILL

Inspection Date: 12/03/2019

Item No.	WASTE TIRE FACILITY - STORAGE INDOORS	Yes	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	Yes	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	Yes	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)	✓			

Inspection Date: 12/03/2019

Current Violations:

Rule: 62-701.500(2)

Question Number: 2.11

Explanation: See all other items noted as either an Area of Concern or a Violation.

Corrective Action: See all other items noted as either an Area of Concern or a Violation.

Rule: 62-701.500(2)(f)

Question Number: 2.13

Explanation: A) Per the facility's Operation Plan, Section K.2.f.1, the southern portion of Phase II Section II will be filled by placing waste along the southern end of this portion and proceeding north and from east to west. The waste will be layered across this portion in 10-foot lifts. During the inspection, the northwestern corner of this portion was not filled appropriately.

B) During the inspection, it appeared that waste may have been deposited outside of the permitted cell. The access road into the active area caused the boundary between the lined landfill and the unlined facility to be unclear. Department personnel required that this be amended immediately following the inspection. A facility representative provided photo documentation demonstrating that the boundary between the lined and unlined area of the facility was delineated and that the liner in this area was not compromised.

Corrective Action: A) Within 30 days of the date listed on the attached Warning Letter, please provide the Department with a plan addressing what actions will be taken to fill in the northwest corner of the southern portion of Phase II Section II.

B) Please ensure that future filling activities are within the boundaries of the lined landfill area.

Attachments:

Northwest Corner of Active Area



Item B - Liner Boundary & Waste



Inspection Date: 12/03/2019

Phase II Section I Liner Boundary



12/13/19 - Item B Post-inspection



12/13/19 - Item B Post-inspection



12/13/19 - Liner Boundary & Waste



Phase II Section II - South portion of cell - Liner Location West of ramp - approximately 4' from debris

Rule: 62-701.500(7)(e)

Question Number: 2.18

Explanation: Per condition C.8.a. of Permit No. 38414-017-SO-MM and Sections K.7.e. and K.7.f. of the Operations Plan, initial cover shall consist of six inches of compacted soil. The Department observed poor application of initial cover in the southern portion of Phase II Section II. This lack of cover allowed for exposed waste.

Corrective Action: Please provide the Department with a timeframe for when the placement of this cover will be completed. Once the cover is applied to the appropriate areas, please provide photo documentation to the Department. This information shall be provided within 30 days of the date listed on the attached Warning Letter.

Attachments:

Active Area of Facility



Inspection Date: 12/03/2019

Rule: 62-701.500(2)(j), 62-701.500(8)(b), 62-701.500(8)(h)

Question Number: 2.22

Explanation: A) During the inspection, it was noted that the flex hose and its connections to the Leachate Collection System (LCS) and Leachate Detection System (LDS) riser pipes and the leachate haul-off area were leaking or in poor condition. Department personnel requested documentation demonstrating that these hoses are replaced, the connections are in good condition, and that no leachate is discharging from these flex hoses via email on December 13, 2019. On December 17, 2019, a facility representative provided documentation showing that additional clamps were added to the flex hoses at the riser pipes to prevent further dripping from the hoses.

B) The secondary leachate tanks were filled with liquid during the inspection. It was unclear if it was leachate or stormwater. Department personnel requested documentation demonstrating that the pumps are functional and that the primary tanks are not leaking via email on December 13, 2019. A facility representative provided documentation on December 17, 2019, indicating that both secondary tanks had approximately 30 inches of stormwater in them. The water level in the primary tank of Tank #1 was decreased to around 2 feet prior to the opening of the access hole into the tank. The stormwater in this tank was removed and utilized for dust control at the facility. A new sump was installed in Tank #1 and the tank was cleaned. Tank #2, upon draining, will be cleaned and the sump pump will be replaced.

C) The pump settings for the LCS and LDS in Phase II Section I appeared to not be calibrated correctly. The Department requested via email on December 13, 2019 that the settings be evaluated to ensure that no more than 12 inches of head is on the liner. On December 17, 2019, a facility representative indicated that the correct settings were set on the 17th by individuals of the Facilities Department.

D) Ponding was observed in the Northwest corner of the southern portion of Phase II Section II. The reason as to why ponding existed in this area was unknown during the inspection, and a facility representative indicated that this area would be excavated to determine the cause. On December 13, 2019, documentation was provided via email by a facility representative explaining that clay soil accumulated in this area via runoff which caused permeability to decrease. Photo documentation demonstrating the ponding to be gone was also provided.

Corrective Action: A) Please provide photo documentation demonstrating that the flex hose at the leachate tanks is replaced within 30 days of the date listed on the attached Warning Letter. Please continue to ensure that the flex hose and its connections to the LCS and LDS riser pipes are in good condition and do not leak when leachate moves through it.

B) Within 30 days of the date listed on the attached Warning Letter, please provide documentation demonstrating that the Tank #2 sump pump is functional and that the primary tank is not leaking.

C) Please provide documentation showing the pump settings for the LCS and LDS in Phase II are correct within 30 days of the date listed on the attached Warning Letter.

D) Please continue to ensure that sedimentation does not impact the ability of liquid to permeate effectively to the LCS and LDS system in the landfill cells.

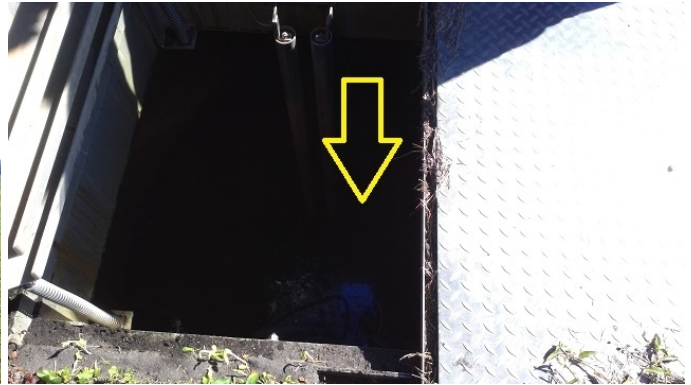
Attachments:

Inspection Date: 12/03/2019

Leachate Tanks #1 and #2



Inside of Leachate Sump



LCS/LDS Alarm Lit



LCS/LDS Riser Pipes



Flex Hose @ Pipes - Poor Cond.



Flex Hose @ Tanks - Poor Cond.



Secondary Tank of Tank #2



12/17/19 - Flex Hose @ Pipes



Inspection Date: 12/03/2019

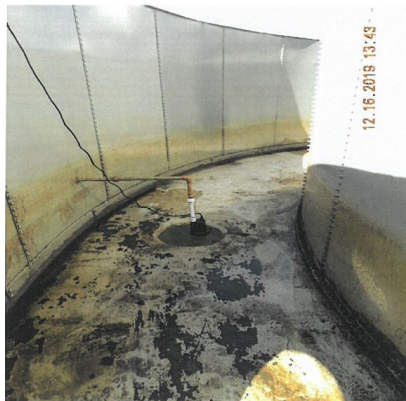
12/17/19 - Flex Hose @ Pipes



12/17/19 - Tank #1 Sump Pump



12/17/19 - Tank #1 Sump Pump



Ponding - NW Corner, Active Area



12/13/19 - Ponding is Gone



Rule: 62-701.400(9)(b), 62-701.500(10)

Question Number: 2.28

Explanation: Per Sections K.7.d. & K.7.g. of the facility's Operations Plan, a berm comprised of clean soil will always be placed around the working face to prevent the mixing of leachate and stormwater. This berm did not adequately separate the active area from the center portion of Phase II Section II and was not comprised of clean soil.

Corrective Action: Photo documentation demonstrating the installation of a berm of clean soil that divides the southern portion of Phase II Section II from the center portion of Phase II Section II was provided to the Department via email on December 17, 2019. Please continue to ensure that a berm encompasses all sides of the working area

Inspection Date: 12/03/2019

to prevent to mixing of leachate and stormwater.

Attachments:

Inadequate Berm



12/17/19 - Adequate Berm



Rule: 62-701.300(10), 62-701.300(11)(a), 62-701.300(11)(b), 62-701.300(14), 62-701.300(4), 62-701.300(5), 62-701.300(6), 62-701.300(8)(a), 62-701.300(8)(c), 62-701.300(8)(d), 62-701.300(8)(e), 62-701.520(3), 62-701.520(5)(a), 62-701.520(5)(b), 62-701.520(5)(c), 62-701.730(19)

Question Number: 2.6

Explanation: The asbestos waste shipment records and location record information were unavailable for review during the inspection. A facility representative provided the Department with a copy of the facility's asbestos log and location records for October and November 2019 disposal events, but the waste shipment record forms for these events were not included.

Corrective Action: Please provide the waste shipment record forms for these disposal events within 30 days of the date listed on the attached Warning Letter.

Current Areas of Concern:

Rule: 62-701.500(11)(f), 62-701.500(7)(i)

Question Number: 2.20

Explanation: The Department acknowledges that there are litter control devices in place, like the orange fencing around the active area of the landfill. But, overall, litter management was not sufficient in multiple areas around the facility.

Corrective Action: Please continue to follow the litter policing methods outlined in Sections K.7.j. and K.11.f. of the facility's Operations Plan. Within 30 days of the date listed on the attached Warning Letter, please provide photo documentation demonstrating the facility, including the scrap metal area and the inactive areas of the landfill, to be free of litter.

Attachments:

Inspection Date: 12/03/2019

Litter in Scrap Metal Area



Litter on Side Slopes



Orange Fencing Around Active Area



Litter on the Access Road



Rule: 62-701.500(7)(j)

Question Number: 2.21

Explanation: Erosion was observed on the western side slope of Phase I during this inspection.

Corrective Action: Please evaluate the side slopes of Phase I and repair any eroded areas. Please provide photo documentation showing these repaired areas within 30 days of the date listed on the attached Warning Letter.

Attachments:

Erosion on Side Slope



Erosion on Side Slope



Rule: 62-711.540(1)(d)

Inspection Date: 12/03/2019

Question Number: 9.10

Explanation: An annual fire safety survey was unavailable for review during the inspection.

Corrective Action: Please provide the Department with a copy of the most recent annual fire safety survey within 30 days of the date listed on the attached Warning Letter. The fire safety survey shall be conducted by a local fire protection authority.

Rule: 62-711.400(5), 62-711.540(1)(g)

Question Number: 9.14

Explanation: The waste tire records were unavailable for review during the inspection. On December 13, 2019, the waste tire records were provided. This response also indicated that a letter from the entity that processes the facility's waste tires would be included to demonstrate the source of the processed waste tires, but it was not included.

Corrective Action: Please provide this letter within 30 days of the date listed on the attached Warning Letter.

COMMENTS:

Item 1.6: Groundwater monitoring data was reviewed for groundwater standard exceedances, completeness, and quality assurance/quality control (QA/QC); however, a review of historical trending was not performed.

Items 1.8 and 1.9: The facility's cost estimates were received on September 6, 2019 and approved on December 17, 2019. Please work with Tor Bejnar at (850) 245-8743 or Tor.Bejnar@floridadep.gov directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630, F.A.C.

Item 2.6: The following information pertains to special wastes managed at this facility.

A) During the inspection, two batteries were observed in devices in the scrap metal storage area of the facility. Department personnel indicated that these should be removed and placed in the Household Hazardous Waste Collection Center (HHWCC). Department received confirmation of the batteries' removal via email on December 13, 2019.

B) During the inspection, the used oil tanks in the HHWCC were covered with a mixture of used oil and cat litter. Department personnel requested documentation demonstrating this mixture was removed from the top of the tanks. Photo documentation demonstrating the removal of this mixture was provided via email on December 13, 2019.

Item 2.6.5: A digital copy of the Department's "Disposal of Deceased Domestic Animals" guidance document was provided to the facility on December 18, 2019.

Item 2.37: The entire monitoring well network was not inspected. The casing of Piezometer 18 appeared to be damaged. Upon further review by the facility, it was determined that an incident occurred during which the casing was damaged. Documentation provided to the Department via email on December 13, 2019, shows this piezometer repaired and secured with a lock. Please continue to ensure that the groundwater monitoring wells, piezometers, and gas monitoring wells at this facility are secure and maintained.

Item 9.34: A culvert was recently installed through the berm that encompasses the scrap metal area and the waste tire collection center. This culvert allowed runoff from this area to flow East into a wetland area. Department personnel required this culvert be removed and the berm restored during the inspection, as this berm was intended to provide containment in the event of a tire fire and/or discharge from the scrap metal storage area. Photo documentation demonstrating the culvert was removed and

Inspection Date: 12/03/2019

the berm restored was received via email on December 13, 2019.

The Source Separated Organics Processing Facility area of the facility was inspected. Documentation demonstrating that the yard trash onsite will be processed in either December 2019 or January 2020 was provided to the Department via email on December 13, 2019. Within 15 days of the yard trash's processing, please provide photo documentation showing that the processing has occurred.

ATTACHMENTS:

Unprocessed Yard Trash - SOPF



Processed Yard Trash - SOPF



Overview of Scrap Metal Area



Waste Tire Collection Center



North Portion Phase II Section II



Center of Phase II Section II



Inspection Date: 12/03/2019

Monitoring Well 1 (MW-1)



Item 9.34 - Culvert In Berm



12/13/19 - 9.34 - Culvert Removed



12/03/19 - Piezometer 18



12/13/19 - Piezometer 18



Used Oil & Cat Litter Mixture



Inspection Date: 12/03/2019

12/13/19 - Oil/Cat Litter Mixture



Example/Battery, Scrap Metal Area



Inspection Date: 12/03/2019

Signed:Alexis R BlackInspector**PRINCIPAL INSPECTOR NAME****PRINCIPAL INSPECTOR TITLE**DEP12/19/2019**PRINCIPAL INSPECTOR SIGNATURE****ORGANIZATION****DATE**Melissa MaddenSenior Program Analyst**INSPECTOR NAME****INSPECTOR TITLE**NO SIGNATURE REQUIREDDEP**INSPECTOR SIGNATURE****ORGANIZATION**Ken WheelerDirector and County Engineer**REPRESENTATIVE NAME****REPRESENTATIVE TITLE**NO SIGNATURE REQUIREDHardee County Public Works**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.

Troy WeissOperator**REPRESENTATIVE NAME****REPRESENTATIVE TITLE**NO SIGNATURE REQUIREDHardee County Public Works**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:** 12/20/2019