



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

November 13, 2019

John Power, Solid Waste Director
Pasco County Solid Waste Department
14230 Hays Road
Spring Hill, Florida 34610
jpowers@pascocountyfl.net

Re: Pasco County Resource Recovery Facility
WACS ID 45799
Pasco County

Dear Mr. Power:

Department personnel conducted a compliance inspection of the above-referenced facility on October 16, 2019. Based on the information provided during and following the inspection, the facility was determined to be in compliance; however, please note areas of concern and comments noted in the inspection report that require your review and action. A copy of the inspection report is attached for your records.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Alexis Black at 813-470-5912, or via e-mail at: Alexis.Black@floridadep.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Steven Tafuni".

Steven Tafuni
Government Operations Consultant
Compliance Assurance Program
Southwest District
Florida Department of Environmental Protection

Enclosures: Inspection Report

cc: Alexis Black, DEP Southwest District, Alexis.Black@floridadep.gov
Melissa Madden, DEP Southwest District, Melissa.Madden@floridadep.gov
Steven Tafuni, DEP Southwest District, Steven.Tafuni@floridadep.gov

Pasco County Resource Recovery Facility

WACS ID 45799

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Justin Roessler, Pasco County Solid Waste Department, jroessler@pascocountyfl.net

Alicia Hacker, Pasco County Environmental Compliance, ahacker@pascocountyfl.net



**Florida Department of
Environmental Protection
Inspection Checklist**

FACILITY INFORMATION:

Facility Name: PASCO COUNTY RESOURCE RECOVERY
On-site Inspection Start Date: 10/16/2019
On-site Inspection End Date: 10/16/2019
WACS No.: 45799
Facility Street Address: 14230 HAYS RD
City: SPRING HILL
County Name: PASCO
Zip: 34610

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Alexis R Black, Inspector

Other Participants: Melissa Madden, Senior Program Analyst; Jamie Rocco, Environmental Compliance Specialist; Justin Roessler, Assistant Director; David Ostuno, Operations Manager;

INSPECTION TYPE:

Routine Operation Inspection for Landfill - Class I
Routine Operation Inspection for Landfill - Class III
Routine Operation Inspection for WPF - Waste Tire Processing Facility
Routine Operation Inspection for WPF - Waste To Energy Facility
Routine Operation Inspection for Landfill - WTE Ash Monofill

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
12.0 - SECTION 12.0 - WTE FACILITIES

Inspection Date: 10/16/2019

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)				✓

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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.

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 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				

PASCO COUNTY RESOURCE RECOVERY

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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-	✓			

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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.	✓			

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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.

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)	✓			

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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)				✓

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12.0 - SECTION 12.0 - WTE FACILITIES**Requirements:**

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Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18))	Yes	Not Ok	Unk	N/A
12.1.1	Unauthorized storage, processing, or disposal of solid waste except as authorized at a permitted solid waste management facility or other exempt facility? 62-701.300(1)(a)	✓			
12.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)	✓			
12.2	Unauthorized storage or disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) <input type="checkbox"/> 100 feet from potable water wells (except on-site)? <input type="checkbox"/> 50 feet from water bodies?	✓			
12.3	Unauthorized disposal or storage prohibited in any natural or artificial body of water including ground water and wetlands? (Does not apply to standing water after a storm event.) 62-701.300(2)(d)	✓			
12.4	Unauthorized disposal or storage prohibited, except yard trash, within 200 feet of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(e)	✓			
12.5	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
12.6	Are the following unauthorized wastes or special wastes properly managed? (Check any that are Not OK) <input type="checkbox"/> Lead-acid batteries, mercury-containing switches and lamps in WTEs 62-701.300(9) <input type="checkbox"/> CCA treated wood 62-701.300(14)	✓			
Item No.	WTE FACILITY OPERATION AND MAINTENANCE	Yes	Not Ok	Unk	N/A
12.7	WTE facility in compliance with all permit conditions, site certification conditions, Department order, or certification, if any, and applicable requirements? 62-701.320(1), 403.161, F.S.	✓			

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Current Areas of Concern:

Rule: 62-701.510(2), 62-701.730(10), 62-701.730(8), 62-713.400(3)

Question Number: 1.5

Explanation: Item 1: It appears that initial sampling, and subsequent routine sampling, was not conducted for monitoring well (MW) 4MW-23 following its installation on April 24, 2018. The well completion report and survey were submitted to the Department following this well's installation in 2018.

Item 2: In addition, the following issues were noted following the review of the First Semiannual 2019 Groundwater Monitoring Report:

A) The conclusions/recommendations were inaccurate. TDS holding time exceedances in 4MW-5, 4MW-6, 4MW-7, and piezometer 4MW-9 were not discussed. The Iron exceedance of 640 ug/L in 4MW-21 was not elaborated upon. The pH exceedances in 2MW-2, 2MW-17S, and 4MW-21 were not analyzed. Additionally, the Dissolved Oxygen (DO) exceedances in 2MW-2, 4MW-6, 2MW-17S, and 4MW-21 were not examined.

B) The laboratory parameter, Nitrate, must be analyzed per Attachment D - WQMR, Condition 2.C. of the facility's Conditions of Certification, and per Appendix 3, Section 2, Condition 3 of the facility's Class III Landfill Operation Permit No. 26254-003-SO/T3, for all routine groundwater sampling events. The analysis performed for this event was for Nitrite-Nitrate as N.

C) The laboratory parameter, Thallium, exceeds the regulatory limit of 2.0 ug/L for multiple monitoring wells in the Class I and Class III Landfill monitoring network. These exceedances are recorded as a non-detect 2.8 ug/L. It appears that the incorrect analytical method may have been utilized to study this parameter, or the Method Detection Limit (MDL) is elevated for this parameter.

D) According to the report, the DO probe was not working during field sampling, which required samples to be collected in BOD bottles with air-tight stoppers. DO was measured once upon receipt at the laboratory.

E) The field sampling log data for multiple monitoring wells in the Class I and Class III Landfill monitoring network show that the samples did not meet the stabilization criteria per the Department's Standard Operating Procedures for field sampling, FS 2200.

Corrective Action: Item 1: Please conduct an initial sampling event for this monitoring well prior to December 31, 2019. The sampling results should be submitted to the Department within 60 days of the sampling date or by January 15, 2020 for review. Routine groundwater sampling monitoring of this well shall be conducted for the First Semiannual Monitoring Event of 2020 and then every biannual event thereafter. Routine groundwater sampling and reporting shall be completed in accordance with the facility's Class III Landfill Operation Permit No. 26254-003-SO/T3.

Item 2: The required corrective actions for this Item are below.

A) In future monitoring reports, please ensure that all sampling and testing issues and exceedances are described, and that conclusions and recommendations are provided. In addition, please re-sample any parameters that exceed holding time to ensure usability of the data.

B) For all future sampling events, please ensure the testing of Nitrate is conducted.

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C) To ensure usability of the data provided in monitoring reports, the Department recommends that the correct analytical method that can obtain an MDL below the regulatory limit be utilized to analyze this parameter.

D) To ensure usability of the data, the Department recommends that field sampling be delayed if it is determined that a field instrument is not functioning properly.

E) Please ensure that the stabilization criteria are met for all samples in future sampling events in accordance with FS 2200.

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.

Item 1.8: The cost estimates for the Class I and Class III Landfill areas at this facility were received on August 30, 2019, and approved on September 16, 2019. Please work with the Department's Solid Waste Financial Coordinator directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630, Florida Administrative Code.

Item 2.6: During the inspection, the fluorescent bulb container in the Household Hazardous Waste Collection Center (HHWCC) was not labeled. Photo documentation demonstrating a label is affixed to the container was provided to the Department by a facility representative via email on November 1, 2019.

Item 2.6.5: A paper copy of the Department's "Disposal of Deceased Domestic Animals" guidance document was provided to the facility on June 19, 2019.

Item 2.22: The following comments pertain to the leachate collection and management system at the facility.

A) The leachate sump within cell A2 has been nonoperational for some time due to a clog in the sump. The leachate was removed from this sump alternatively via a pump in the cleanout system. During the inspection, facility representatives explained that a chemical cleaning of the leachate sump was conducted to restore the sump. It was successful and the leachate sump's gravity flow was restored.

B) Please provide the Department with the inspection findings of the October 30, 2019 leachate tank inspection within 30 days of receipt of this inspection report.

Item 2.28: The second compaction container (numbered 2) in the Citizen Drop-off Area of the facility appeared to be leaking leachate. No control measures were in place during the inspection to prevent the mixing of leachate with stormwater. Department personnel indicated that an inspection of the container should be conducted to repair any openings through which leachate could flow. A facility representative provided photo documentation that the container was repaired to the Department via email on October 30, 2019.

Item 2.37: The entire monitoring well network of the facility was not inspected. However, monitoring wells 2MW-18D, 2MW-19D, 2MW-26S, 2MW-26D, and piezometers 4MW-8 and 2MW-8, were inspected for maintenance and security. 2MW-19D was not locked during the inspection. Documentation showing the well locked was provided to the Department via email on October 23, 2019. The two piezometers were not labeled during the inspection. Documentation showing the piezometers labeled was provided to the Department via email on October 30, 2019.

Item 9.33: Vegetation was observed beneath the waste tire (WT) pile. Documentation demonstrating that this vegetation was removed was provided to the Department via email on October 23, 2019.

Inspection Date: 10/16/2019

Item 9.10 and 9.11: A fire safety survey was conducted and provided to the Department via email on August 15, 2019. Please continue to have a local fire protection authority conduct this inspection annually. Please provide this report to the Department as part of the Quarter 3 waste tire processing report, which is due by October 20, each year.

Item 9.17: Please provide documentation demonstrating the latest event in which the waste tire area was treated for mosquitoes within 30 days of receipt of this inspection report.

Item 12.7: The Waste to Energy facility was in outage during the inspection. Facility representatives explained that some, not all, waste is being diverted to the ACMS Class I Landfill (WACS ID 85764) for disposal at this time.

ATTACHMENTS:

Class I Landfill: SW1 and SW2



Class I Landfill: A4, Subcell 5



Class I Landfill: A4, Subcell 6



Class III Landfill: Cells 3 and 4



Class I Landfill: Active Area SW2

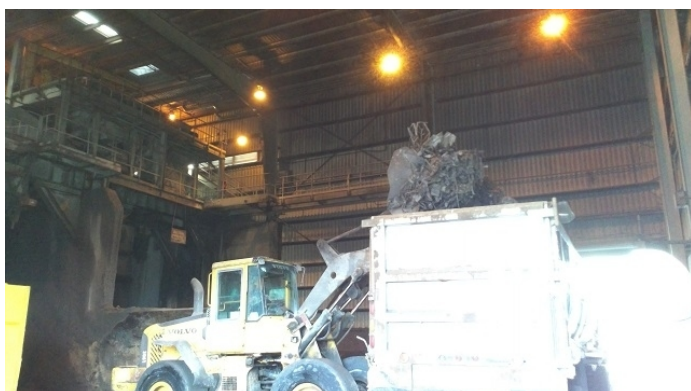


Waste to Energy: Tipping Area



Inspection Date: 10/16/2019

Waste to Energy: Ash Building



WT Facility: Vegetation Present



WT Facility: No Vegetation



HHWCC Overview



Label on Fluores. Bulb Container



Labeled 2MW-8



Unlabeled 2MW-8



Unlocked 2MW-19D

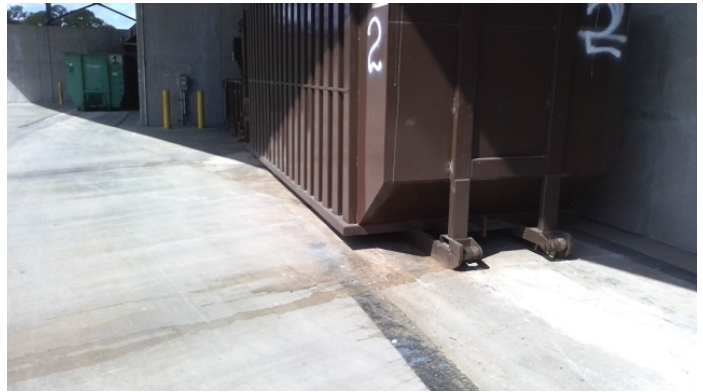


Inspection Date: 10/16/2019

Locked 2MW-19D



Container 2: Leachate Leaks



Container 2: Repaired, No Leaks



Leachate Tank



Inspection Date: 10/16/2019

Signed:Alexis R BlackInspector**PRINCIPAL INSPECTOR NAME****PRINCIPAL INSPECTOR TITLE**DEP11/05/2019**PRINCIPAL INSPECTOR SIGNATURE****ORGANIZATION****DATE**Melissa MaddenSenior Program Analyst**INSPECTOR NAME****INSPECTOR TITLE**NO SIGNATURE REQUIREDDEP**INSPECTOR SIGNATURE****ORGANIZATION**Jamie RoccoEnvironmental Compliance Specialist**REPRESENTATIVE NAME****REPRESENTATIVE TITLE**NO SIGNATURE REQUIREDCovanta**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.

Justin RoesslerAssistant Director**REPRESENTATIVE NAME****REPRESENTATIVE TITLE**NO SIGNATURE REQUIREDPasco County - Utilities/Solid Waste**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.

David OstunoOperations Manager**REPRESENTATIVE NAME****REPRESENTATIVE TITLE**NO SIGNATURE REQUIREDPasco County - Utilities/Solid Waste**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:

Inspection Date: 10/16/2019

Approver: Steve Tafuni

Inspection Approval Date: 11/13/2019
